



raised access floors



bare panels

factory finished panels

radiant floors

RAISED ACCESS FLOORS

FACTORY FINISHED AND BARE PANELS SYSTEMS

Planchers techniques surélevés.
Pavimentos técnicos sobreelevados.
Sistemi per pavimenti tecnici sopraelevati.



member

The Italian Green Building Council is the Italian association for construction sector companies intent on making buildings more environment friendly, sustainable and capable of supporting living communities. The members of GBC Italy promote environmental, economic and social sustainability through innovation in design, construction and use of buildings. In addition to handling LEED certification activities, GBC Italy also promotes the development of a 'knowledge supply chain' to diffuse new ideas, concepts and tools, and to raise awareness in the area of sustainability.

Le Green Building Council Italia est l'association italienne des principales entreprises qui œuvrent pour transformer le marché du bâtiment vers la durabilité environnementale et pour construire des communautés agréables à vivre. Les membres de GBC Italia désirent promouvoir la responsabilité environnementale, économique et sociale, en innovant la manière de concevoir, de réaliser et d'utiliser les édifices. En plus des activités liées aux processus de certification LEED, ce projet impulse le développement d'une « filière de la connaissance », à la fois pour fournir de nouvelles clés d'interprétation et de nouveaux instruments conceptuels, mais aussi pour créer une sensibilité diffuse autour du thème de la durabilité.

El Green Building Council Italia es la asociación italiana de los líderes que trabajan para evolucionar el mercado de la construcción hacia la sostenibilidad medioambiental y para construir comunidades habitables desde dicho punto de vista. Los socios GBC Italia promueven la responsabilidad medioambiental, económica y social innovando sobre la manera mediante la cual se diseñan, realizan y utilizan los edificios. Además de las actividades relacionadas con los procedimientos de certificación LEED, el proyecto tiene la intención de favorecer el desarrollo de "sector del conocimiento": para suministrar claves de interpretación e instrumentos conceptuales nuevos, y crear una sensibilidad difundida alrededor del tema de la sostenibilidad.

Il Green Building Council Italia è l'associazione italiana dei leader che operano per trasformare il mercato dell'edilizia verso la sostenibilità ambientale e per costruire comunità vivibili. I soci GBC Italia promuovono la responsabilità ambientale, economica e sociale innovando il modo in cui gli edifici sono progettati, realizzati e utilizzati. Oltre alle attività legate alle procedure di certificazione LEED, il progetto vuole favorire lo sviluppo di una 'filiera della conoscenza': per fornire chiavi di interpretazione e strumenti concettuali nuovi, e creare una sensibilità diffusa attorno al tema della sostenibilità.



CEILINGS AND COVERINGS
RAISED ACCESS FLOORS
DEMOUNTABLE PARTITIONS
INTEGRATED AIR CONDITIONING SYSTEMS
OFFICE FURNITURE

FAUX PLAFONDS ET REVÊTEMENTS
PLANCHERS TECHNIQUES SURÉLEVÉS
CLOISONS MOBILES
SYSTÈMES INTÉGRÉS AIR CONDITIONNÉ
MEUBLES DE BUREAU

TECHOS Y REVESTIMIENTOS
PAVIMENTOS TÉCNICOS SOBREELEVADOS
PAREDES MÓVILES
SISTEMAS INTEGRADOS DE AIRE ACONDICIONADO
MOBILIARIO PARA OFICINAS

CONTROSOFFITTI E RIVESTIMENTI
PAVIMENTI TECNICI SOPRAELEVATI
PARETI MOBILI
SISTEMI INTEGRATI ARIA CONDIZIONATA
MOBILI PER UFFICIO

100% MADE IN ITALY

CBI EUROPE FLOORS SYSTEM

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Inspectability, technology,
and freedom of design

RAISED ACCESS FLOORS

CBI Europe is a leading manufacturer of raised access floors, with an output of over a million square metres a year. CBI Europe's integrated floor systems are **100% made in Italy**. Twenty five years of development and the experience gained from installations in 70 different countries around the world ensure that CBI Europe's raised floor systems solve all the problems normally caused by incompatibility between architectural restrictions and the perpetual changes demanded by evolving technology. CBI Europe's floors also create environments with a high level of sustainability and livability.

Where _ new-build and refurbished offices, banks, operations centres, control rooms, hospitals, homes and public buildings.

How _ using easy access, inspectable panel structures to create high-tech raised floors in a wide range of types and finishes.

Why _ CBI Europe's integrated floor systems are versatile, high-tech, sustainable, easy to install and inspect, and the perfect solution for all types of structural and design requirements.

**inspectabilité,
technologie,
liberté conceptuelle.**

100% made in Italy: ce sont des systèmes intégrés pour planchers techniques surélevés de CBI Europe, une entreprise leader avec une production de plus de 1 000 000 de m² par an. Elaborés en 25 ans d'expérience et de comparaison avec les concepteurs et réalisés dans 70 pays du monde, les planchers techniques des systèmes CBI Europe résolvent avec succès toutes les problématiques liées à l'incompatibilité entre les musts structurels et les métamorphoses continues imposées par l'évolution technologique. Avec un égard particulier à l'écologiquement durable et à la qualité de vie des espaces réalisés.

Où _ réalisations ou restructurations de bureaux, banques, centrales et salles de contrôle, hôpitaux, habitations résidentielles et locaux publics.

Comment _ avec des structures surélevées technologiquement de pointe et des panneaux accessibles et inspectables dans différentes typologies et finitions.

Pourquoi _ polyfonctionnel, technologique, écologiquement durable, facile à installer et accessible à tout moment, le système intégré Floors est la bonne réponse à n'importe quelle exigence de réalisation et de conception.

**inspeccionabilidad,
tecnología,
libertad de proyecto.**

100% made in Italy: son los sistemas integrados para pavimentos técnicos sobre-elevados de CBI Europe, empresa líder con una producción de más de 1.000.000 de m² cada año. Elaborados en 25 años de experiencia y consulta con proyectistas, y con realizaciones en 70 países del mundo, los pavimentos técnicos de los sistemas CBI Europe resuelven con éxito todos los problemas relacionados con la incompatibilidad entre necesidades estructurales y metamorfosis continuas impuestas por la evolución tecnológica. Con particular atención a la eco-sostenibilidad y a la habitabilidad de los ambientes realizativos.

Dónde _ realizaciones o reestructuraciones de oficinas, bancos, centrales de control, salas de tableros, hospitales, habitaciones residenciales y locales públicos.

Cómo _ con estructuras sobre-elevadas tecnológicamente avanzadas y baldosas accesibles e inspeccionables de varios tipos y acabados.

Por qué _ versátil, tecnológico, eco-sostenible, fácil de instalar y accesible en cualquier momento, el sistema integrado Floors es la respuesta correcta para cualquier tipo de exigencia de realización y proyecto.

**ispezionabilità,
tecnologia,
libertà progettuale.**

100% made in Italy: sono i sistemi integrati per pavimenti tecnici sopraelevati di CBI Europe, azienda leader con una produzione di oltre 1.000.000 di m² ogni anno. Elaborati in 25 anni d'esperienza e confronto con progettisti e realizzazioni in 70 paesi nel mondo, i pavimenti tecnici dei sistemi CBI Europe risolvono con successo tutte le problematiche legate all'incompatibilità tra must strutturali e le continue metamorfosi imposte dall'evoluzione tecnologica. Con particolare attenzione all'ecosostenibilità ed alla vivibilità degli ambienti realizzati.

Dove _ realizzazioni o ristrutturazioni di uffici, banche, centrali di controllo, sale quadri, ospedali, abitazioni residenziali e locali pubblici.

Come _ con strutture sopraelevate tecnologicamente avanzate e pannelli accessibili ed ispezionabili in varie tipologie e finiture.

Perché _ versatile, tecnologico, ecosostenibile, facile da installare ed accessibile in qualsiasi momento, il sistema integrato Floors è la giusta risposta per ogni tipo di esigenza realizzativa e progettuale.

FACTORY
FINISHED PANELS

BARE
PANELS

RADIANT
FLOORS

technical
specifications

RAISED ACCESS FLOORS

perfect styling le projet parfait el proyecto perfecto il progetto perfetto

CBI Europe's **Raised Access Floors** use wood agglomerate or calcium sulphate panels obtained from recyclable raw materials and manufactured in certified and constantly monitored processes to guarantee the highest standards of quality and safety. CBI Europe floor panels are available fully finished and ready to install or bare, for covering after installation. They can be used in all types of floor, and effectively reduce building delivery times while improving the inspectability of underfloor systems and the integration of advanced climate control systems.

Les systèmes **Raised Access Floors** by CBI Europe sont réalisés avec des panneaux en aggloméré de bois ou en sulfate de calcium obtenus de matières premières recyclables et avec des procédures certifiées et de suivi, garantissant des standards de qualité et de sécurité toujours élevés.

Les panneaux - avec finition et prêts à installer ou à revêtir après la pose - peuvent être utilisés dans n'importe quel type de réalisation, en permettant d'accélérer les délais de livraison des édifices, l'inspectabilité des installations et l'intégration avec des systèmes de climatisation de pointe.

Los sistemas **Raised Access Floors** by CBI Europe son realizados con baldosas aglomerado de madera o de sulfato de calcio obtenidos a partir de materias primas reciclables y con procedimientos certificados y monitorizados, para garantizar estándares de calidad y seguridad siempre elevados.

Las baldosas- con acabado y listos para instalar, para revestir después de la colocación - se pueden utilizar en cualquier tipo de realización, permitiendo agilizar los tiempos de entrega de los edificios, la inspeccionabilidad de las instalaciones, la integración con sistemas avanzados de climatización.

I sistemi **Raised Access Floors** by CBI Europe sono realizzati con pannelli in conglomerato ligneo o in solfato di calcio ottenuti da materie prime riciclabili e con procedure certificate e monitorate, a garanzia di standard qualitativi e di sicurezza sempre elevati.

I pannelli - con finitura e pronti da installare o da rivestire dopo la posa - possono essere utilizzati in ogni tipo di realizzazione, consentendo di velocizzare i tempi di consegna degli edifici, l'ispezionabilità degli impianti, l'integrazione con sistemi avanzati di climatizzazione.



**100% ITALIAN TECHNOLOGY AND PRODUCTION
TECHNOLOGIES ET PRODUCTION 100% MADE IN ITALY
TECNOLOGÍAS Y PRODUCCIÓN 100% MADE IN ITALY
TECNOLOGIE E PRODUZIONE 100% MADE IN ITALY**

CBI Europe's raised access floor systems let you create floors with 100% or **access-panel inspectability**, giving easy access to water pipes and electrical cables and permitting easy reconfiguration of rooms.

Les systèmes Raised Access Floors by CBI Europe permettent de réaliser des planchers surélevés avec un **espace inspectable à 100%** ou par le biais d'une trappe de visite : simplicité d'accès aux installations hydrauliques, électriques et de câblage, ainsi que de reconfiguration d'usage des espaces.

Con los sistemas Raised Access Floors by CBI Europe se realizan pavimentos sobre elevados con **tabique inspeccionable al 100%** o mediante tapa: sencillez de acceso a las instalaciones hidráulicas, eléctricas y de cableado, y reconfiguración de uso de los ambientes.

Con i sistemi Raised Access Floors by CBI Europe si realizzano pavimenti sopraelevati con **intercapedine ispezionabile al 100%** o tramite botola: semplice l'accesso agli impianti idraulici, elettrici e di cablaggio e la riconfigurazione d'uso degli ambienti.

RAISED ACCESS FLOORS

security, certified
la sécurité certifiée
la sicurezza, certificata

NEWS
2015!

EN 13501-2 / UNI EN 1366-6

CBI Europe's raised access floors successfully passed **fire resistance tests** required for obtaining **REI 30 certification**.

Tests are conducted on the structural stability (R), the fire resistance (E) and thermal insulation (I), confirming the ability of the panels to maintain their functionality under conditions of heat and the presence of flames and without producing or giving off vapours or hot gases on the side not facing the fire.

We've had excellent results, which ensure the highest standards of safety while creating public or work environments.

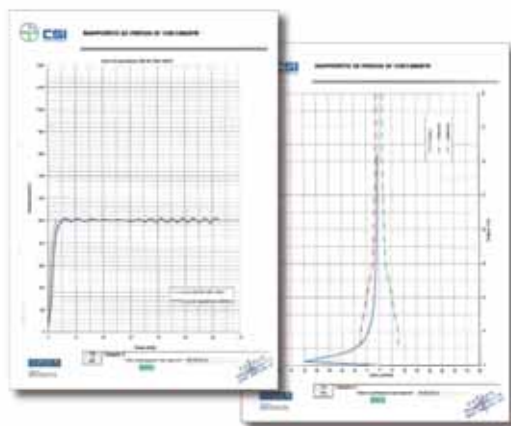
Planchers surélevés CBI l'Europe passent avec succès les **tests de résistance au feu** requis afin d'obtenir la **certification REI 30**.

Les essais sont effectués sur la stabilité structurelle (R), la résistance au feu (E) et l'isolation thermique (I), confirmant ainsi la capacité des panneaux à maintenir leur fonctionnalité dans des conditions de stress thermique et la présence de la flamme et ceci sans produire ou laisse échapper des vapeurs ou de gaz chauds sur le côté face au feu d'excellents résultats, qui assurent les plus hauts standards de sécurité dans la réalisation d'environnements public ou de travail.

I pavimenti sopraelevati CBI Europe superano con successo le **prove di resistenza al fuoco** necessarie per l'ottenimento della **certificazione REI 30**.

I test hanno riguardato la stabilità strutturale (R), la tenuta alla fiamma (E) e l'isolamento termico (I), confermando la capacità dei pannelli CBI Europe di mantenere la propria funzionalità in condizioni di stress termico e presenza di fiamme e senza produrre o lasciar passare vapori o gas caldi sul lato non esposto al fuoco.

Risultati eccellenti, che garantiscono altissimi standard di sicurezza nella creazione di ambienti pubblici o di lavoro.



REI 30



FIRE RESISTANCE OF CBI EUROPE'S RAISED ACCESS FLOORS _ RÉSISTANCE AU FEU DES PLANCHERS SURÉLEVÉS
CBI EUROPE _ RESISTENZA AL FUOCO PAVIMENTI SOPRAELEVATI CBI EUROPE



FULLY STEEL ENCAPSULATED PANEL 30 MM > RESISTENZA: 62' <
CALCIUM SULPHATE _ SULFATE DE CALCIUM _ SOLFATO DE CALCIO _ SOLFATO DI CALCIO **REI 30R**

FULLY STEEL ENCAPSULATED PANEL 30 MM
WOODCORE _ AGGLOMERÉ DE BOIS _ AGLOMERADO DE MADERA _ CONGLOMERATO LIGNEO **REI 30R**

DOUBLE ALUFOIL PANELS 34 MM
CALCIUM SULPHATE _ SULFATE DE CALCIUM _ SOLFATO DE CALCIO _ SOLFATO DI CALCIO **REI 30**

DOUBLE ALUFOIL PANELS 38 MM
WOODCORE _ AGGLOMERÉ DE BOIS _ AGLOMERADO DE MADERA _ CONGLOMERATO LIGNEO **REI 30**

TEST ESEGUITI PRESSO L'ISTITUTO CSI
DI BOLLATE MILANO, IN CONFORMITÀ ALLA
NORMATIVA EN 13501-2 / UNI EN 1366-6,
SPECIFICA PER L'OTTENIMENTO
DELLA CERTIFICAZIONE REI.

TESTS PERFORMED AT THE CSI INSTITUTE
IN BOLLATE MILANO, IN ACCORDANCE
WITH EN 13501-2 / EN 1366-6,
SPECIFIC FOR OBTAINING
REI CERTIFICATION.

LES TESTS EFFECTUÉS À L'INSTITUT CSI
BOLLATE MILANO, CONFORMÉMENT
À LA NORME EN 13501-2 / EN 1366-6 ,
SPÉCIFIQUE POUR L'OBTENTION
DE LA CERTIFICATION REI.



woodcore panel > galvanized steel dish 38,5 mm
top covering > ceramic tiles



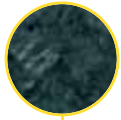
100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile

estetica & funzionalità

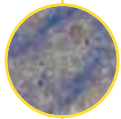
FACTORY FINISHED PANELS



ceramic tiles
 grès émaillé
 baldosa de ceramica
 gres porcellanato



natural marble
 marbre
 mármol
 marmo naturale



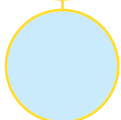
natural granite
 granite
 granito
 granito naturale



natural wood block
 parquet naturel
 parquet entarimado natural
 parquet naturale



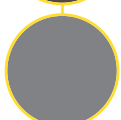
bamboo
 bambou
 bambú
 bambú



glass
 verre
 vidrio
 vetro



HPL / PVC laminated
 laminé HPL / PVC
 laminado HPL / PVC
 laminato HPL / PVC



rubber / linoleum
 caoutchouc / linoléum
 goma / linóleo
 gomma / linoleum

CBI Europe's Factory Finished floors offer a choice of ceramic, marble, granite, wood, bamboo, glass, laminate, rubber or linoleum surfaces. All finishes are fully accessible and inspectable, and all ready for installation. CBI Europe's factory finished floors come in a wide range of materials and finishes to satisfy all possible technical and decorative need. All stages in the CBI Europe production process, from design to installation, are **100% Italian** to guarantee quality and reliably short delivery times.

Céramique, marbre, granit, bois, bambou, verre, laminés, caoutchouc, linoléum: les panneaux **Floors Factory Finished by CBI Europe**, tous accessibles et inspectables, sont prêts à l'installation. Ils mettent à la disposition de n'importe quelle exigence technique et esthétique une très vaste gamme de matériaux et de finitions. La filière productive de CBI Europe, **100% made in Italy** depuis la conception au chantier, garantit la qualité et des délais de livraison rapides et sûrs.

Cerámica, mármol, granito, madera, bambú, vidrio, laminados, goma, linóleo: las baldosas **Floors Factory Finished by CBI Europe**, todos accesibles e inspeccionables, están listos para ser instalados y ponen a disposición de cualquier exigencia técnica y estética una gama muy amplia de materiales y acabados. La hilera productiva CBI Europe, **100% made in Italy** desde el proyecto hasta las obras, garantiza calidad y tiempos de entrega rápidos y ciertos.

Ceramica, marmo, granito, legno, bambú, vetro, laminati, gomma, linoleum: i pannelli **Factory Finished by CBI Europe**, tutti accessibili ed ispezionabili, sono pronti per essere installati e mettono a disposizione di ogni possibile esigenza tecnica ed estetica un'ampissima gamma di materiali e finiture. La filiera produttiva CBI Europe, **100% made in Italy** dalla progettazione al cantiere, garantisce qualità e tempi di consegna rapidi e certi.

→ finishes_finitions_acabados_finiture > pag 36



woodcore panels
 panneaux en aggloméré de bois
 baldosas aglomerado de madera
 pannelli in conglomerato ligneo

calcium sulphate panels
 panneaux en sulfate de calcium
 baldosas de sulfato de calcio
 pannelli in solfato di calcio


□ = 60 x 60 cm

FACTORY FINISHED PANELS

BARE PANELS

RADIANT FLOORS

technical specifications



woodcore panel > alufoil backing 38 mm
top covering > antistatic HPL > 1636 iroko

CBI FLOOR SYSTEM



100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile

FACTORY FINISHED PANELS

woodcore panels panneaux en aggloméré de bois baldosas aglomerado de madera pannelli in conglomerato ligneo



CBI Europe's woodcore panels incorporate a **large percentage of recyclable material** to improve the installation's LEED rating. CBI Europe's woodcore panels combine fire and humidity resistance with light weight for low transport costs and easy handling on site.

THE EUROCLASS FIRE
 RESISTANCE CLASSIFICATION SYSTEM
 SYSTÈME DE CLASSEMENT EN RÉACTION
 AU FEU EUROCLASS
 SISTEMA DE CLASIFICACIÓN
 ANTIINCENDIO EUROCLASS
 SISTEMA DI CLASSIFICAZIONE
 ANTINCENDIO EUROCLASS

BFL-s1-F30

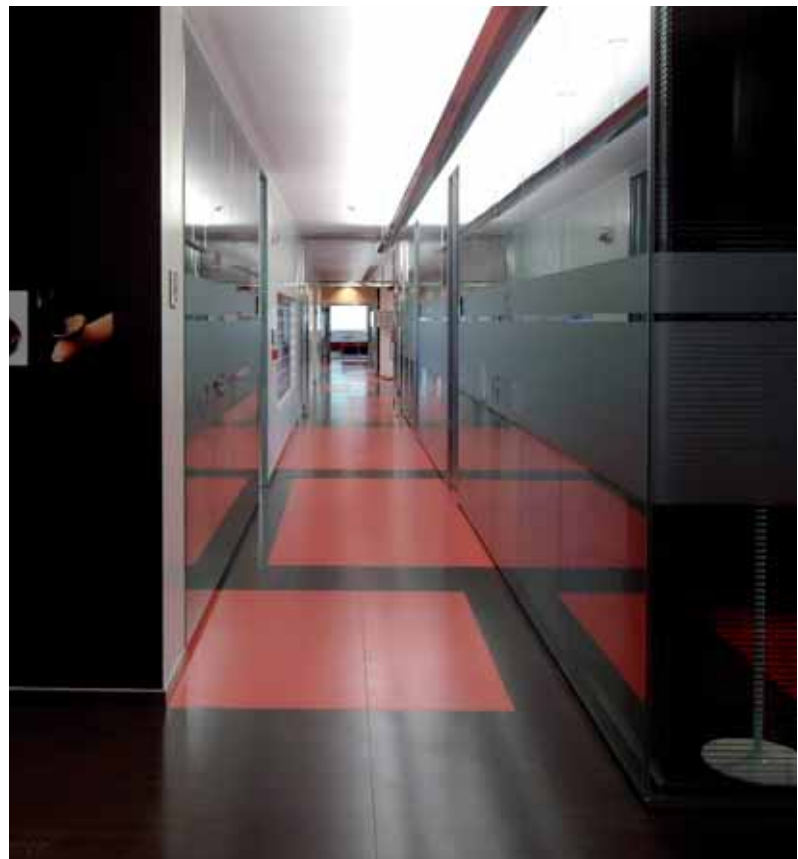
Les panneaux en aggloméré de bois CBI Europe sont réalisés avec un **haut pourcentage de matériau recyclable**, qui contribue à l'obtention de crédits Leed. Ils allient résistance au feu et à l'humidité et légèreté du panneau, en facilitant leur déplacement à l'intérieur du chantier, tout en optimisant les coûts de transport.

Los baldosas aglomerado de madera CBI Europe se realizan empleando un **elevado porcentaje de material reciclable**, que permite participar en la obtención de puntos Leed. Unen a la **resistencia al incendio y a la humedad**, la ligereza del panel, que facilita el desplazamiento por la obra y optimizar los costos de transporte.

I pannelli in conglomerato ligneo CBI Europe sono realizzati impiegando un **alta percentuale di materiale riciclabile**, che consente di concorrere all'ottenimento di punteggio Leed. Uniscono alla **resistenza al fuoco e all'umidità**, la leggerezza del pannello, che facilita la movimentazione all'interno dei cantieri e ottimizza i costi di trasporto.

→ [specification_description_descrición_descrizioni](#) › pag 50

woodcore panel › alufoil backing 38 mm
 top covering › linoleum
 Lavazza head offices_Torino_Italy




DOWNLOAD
 specifications _ cahier de charge
 especificación _ voci di capitolato
[floors/factory finished/woodcore panels](#)
www.cbi-europe.com

FACTORY FINISHED PANELS

BARE PANELS

RADIANT FLOORS

technical specifications



calcium sulphate panel > alufoil backing 36 mm
top covering > antistatic PVC > 108 medium grey

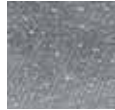
CBI FLOOR SYSTEM



100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile

FACTORY FINISHED PANELS

calcium sulphate panels panneaux en sulfate de calcium baldosas de sulfato de calcio pannelli in solfato di calcio



THE EUROCLASS FIRE
 RESISTANCE CLASSIFICATION SYSTEM
 SYSTÈME DE CLASSEMENT EN RÉACTION
 AU FEU EUROCLASS
 SISTEMA DE CLASIFICACIÓN
 ANTIINCENDIO EUROCLASS
 SISTEMA DI CLASSIFICAZIONE
 ANTINCENDIO EUROCLASS

A1-F30

Produced from **100% recyclable materials** (water, recycled paper and gypsum), CBI Europe's calcium sulphate panels make a major contribution to LEED ratings. Their above average density to weight ratio also allows them to resist high traffic. These panels are particularly easy to handle and can be cut to shape on site. Their structural characteristics ensure excellent resistance to fire and humidity as well as an extended working life.

Produits avec **100% de matière première recyclable** (eau, papier de récupération et plâtre), les panneaux permettent de contribuer à l'obtention de crédits Leed. Leur rapport densité/poids supérieur à la moyenne détermine la forte réduction de l'impact au piétinement. Hauts niveaux de maniabilité sur le chantier lors de la coupe et du déplacement. Leurs caractéristiques structurales les rendent hautement résistants au feu et à l'humidité, tout en leur conférant une excellente durabilité.

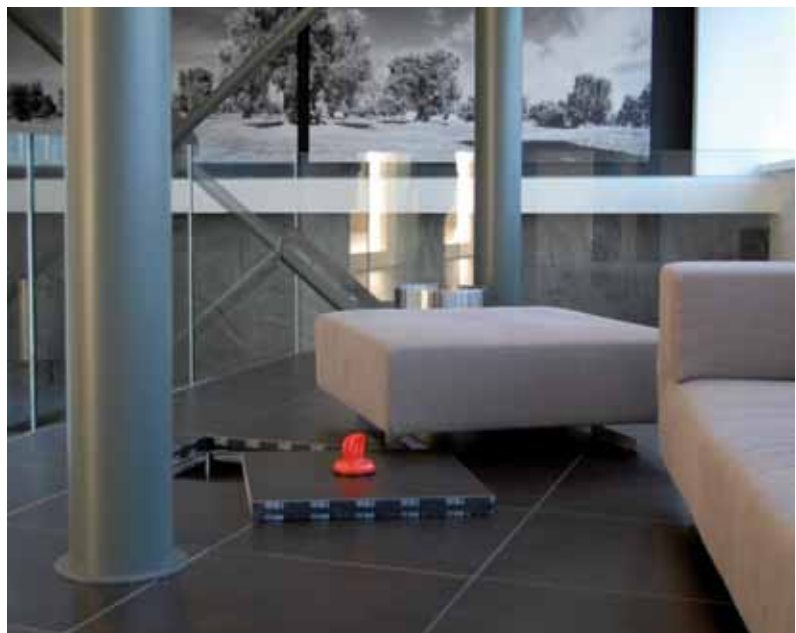
Producidos con el **100% de materia prima reciclable** (agua, papel recuperado y yeso), los baldosas permiten participar en la obtención de puntos Leed. La relación densidad/peso superior a la media determina la fuerte reducción del impacto de la pisada. Son altos también los niveles de trabajabilidad en la obra, durante las fases de corte y de desplazamiento. Las características estructurales determinan una máxima resistencia al incendio, a la humedad y una óptima durabilidad.

Prodotti con il **100% di materia prima riciclabile** (acqua, carta di recupero e gesso), i pannelli consentono di concorrere all'ottenimento di punteggio Leed. Il rapporto densità/peso superiore alla media determina la forte riduzione dell'impatto al calpestio. Alti anche i livelli di lavorabilità in cantiere, nelle fasi di taglio e di movimentazione. Le caratteristiche strutturali ne decretano la massima resistenza al fuoco, all'umidità e l'ottima durabilità.

→ [specification_description_descrición_descrizioni](#) > **pag 52**



DOWNLOAD
 specifications _ cahier de charge
 especificación _ voci di capitolato
[floors/factory finished/calcium sulphate panels](#)
www.cbi-europe.com



calcium sulphate panels 34 mm > top covering > ceramic tiles > metallica
 Oleificio Rocchi, Lucca_Italy

FACTORY
 FINISHED PANELS

BARE
 PANELS

RADIANT
 FLOORS

technical
 specifications



glass panel



100% inspectable
100% inspectable
100% inspeccionable
100% ispezionabile

FACTORY FINISHED PANELS

glass panels panneaux en verre baldosas de vidrio pannelli in vetro



CBI Europe's laminated glass panels are subjected to rigorous technical testing in CBI Europe's own research labs to ensure excellent performance in all types of application.

Les panneaux en verre feuilleté sont constamment soumis à des contrôles techniques minutieux dans l'atelier de R&S CBI Europe, pour leur garantir une parfaite performance quel que soit leur emplacement.

Los baldosas de vidrio estratificado se someten constantemente a precisos controles técnicos en el laboratorio R&S CBI Europe, para garantizar prestaciones perfectas en cualquier tipo de colocación.

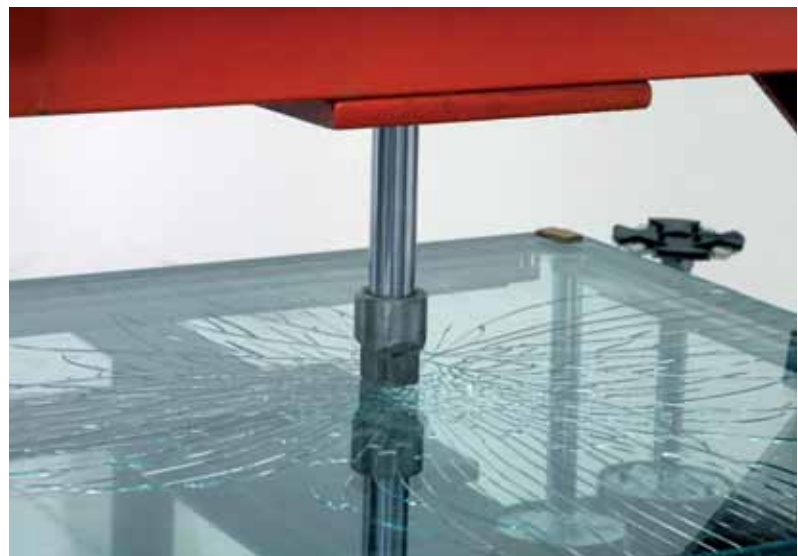
I pannelli in vetro stratificato vengono costantemente sottoposti ad accurati controlli tecnici nel laboratorio R&S CBI Europe, per garantire la perfetta performance in ogni tipo di collocazione.

CBI Europe's glass panels are ideal for use as decorative elements in installations requiring a **particularly striking floor surface**, and in the fitting out of exhibitions and museums. They consist of two sheets of laminated glass separated by a sheet of PVB that ensures perfect adhesion and great toughness and elasticity.

Les panneaux en verre CBI Europe sont employés comme éléments décoratifs dans tous les cas où on désire mettre en **valeur l'aspect esthétique des surfaces pavées** et dans l'installation d'expositions et de musées. Ils se composent de deux plaques de verre feuilleté unies par une feuille en PVB parfaitement adhérente, qui exalte leur robustesse et leur élasticité.

Los baldosas de vidrio CBI Europe se emplean como elementos decorativos en todos los casos en los que se desea **exaltar el aspecto estético** de las superficies pavimentadas, y en la decoración de exposiciones y museos. Están compuestos por dos losas de vidrio estratificado unidas por una hoja de PVB, que se adhiere perfectamente y exalta la tenacidad y la elasticidad.

I pannelli in vetro CBI Europe sono impiegati come elementi decorativi in tutti i casi in cui si voglia **esaltare l'aspetto estetico** delle superfici pavimentate, e nell'allestimento di esposizioni e musei. Sono composti da due lastre di vetro stratificato unite da un foglio in PVB, che vi aderisce perfettamente esaltandone tenacia ed elasticità.



Load and stress testing guarantees conformity to the strictest international standards.

Des tests de charge et de stress assurent leur conformité aux plus hauts standards requis par les normes internationales.

Pruebas de carga y esfuerzo aseguran la conformidad con los estándares más elevados requeridos por las normativas internacionales.

Prove di carico e stress test assicurano la conformità ai più elevati standard richiesti dalle normative internazionali.



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specifications _ cahier de charge
especificación _ voci di capitolato

[floors/factory finished/glass panels](#)

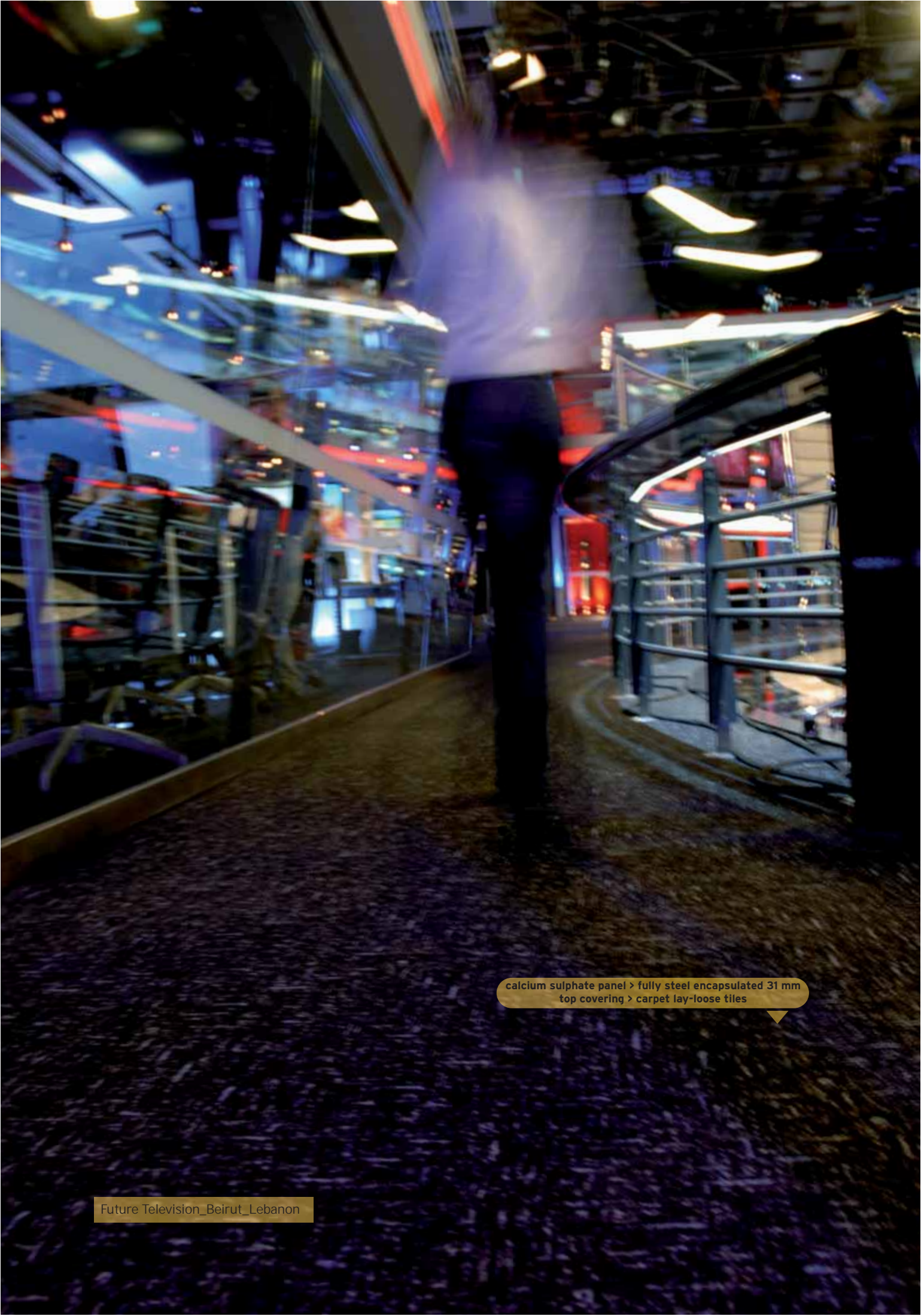
www.cbi-europe.com



F.lli Simonetti showroom_Civitanova Marche_Italy



calcium sulphate panel > galvanized steel dish 30,5 mm
top covering > recomposed stone



calcium sulphate panel > fully steel encapsulated 31 mm
top covering > carpet lay-loose tiles

limitless practicality

BARE PANELS

CBI Europe's Bare Panels in wood agglomerate and calcium sulphate are available in fully steel encapsulated, alufoil backing, double alufoil and tongue&groove versions (calcium sulphate panels only). They permit direct or access-panel inspection of the under-floor plenum, and are ideal for use in buildings that have to be fully homologated prior to delivery to the customer and prior to finalisation of the room layout. All CBI Europe's bare panel floors can be **covered after installation** using any type of commercially available floor covering.

Les **Bare Panels CBI Europe**, en aggloméré de bois ou en sulfate de calcium, sont disponibles complètement encapsulés en acier, avec feuille d'aluminium double ou simple et - seulement pour ceux en sulfate - avec système tonque&groove. Ils permettent d'accéder au plénum directement ou à travers une trappe de visite, et ils représentent la solution idéale pour les édifices à livrer au client déjà homologués, avant de définir leur destination finale: en effet, chaque typologie de panneau peut être **revêtue après la pose**, en choisissant une des finitions disponibles sur le marché.

Los **Bare Panels CBI Europe**, aglomerado de madera o sulfato de calcio, están disponibles completamente encapsulados en acero, con doble o simple laminado de aluminio y, sólo en el caso del sulfato, con sistema tongue&groove. Permiten acceder al plénum directamente o mediante tapa, y son la solución ideal para los edificios que se deben entregar homologados al cliente antes de definir su destino final: efectivamente, cada tipo de panel se puede **revestir después de su colocación**, escogiendo entre todos los acabados disponibles en el mercado.

I **Bare Panels CBI Europe**, in conglomerato ligneo o solfato di calcio, sono disponibili completamente incapsulati in acciaio, con doppia o singola laminatura di alluminio e - solo in solfato - con sistema tongue&groove. Consentono di accedere al plenum direttamente o tramite botola, e sono la soluzione ideale per gli edifici da consegnare omologati alla committenza prima che ne venga definita la destinazione finale: ogni tipologia di pannello può infatti essere **rivestita successivamente alla posa**, scegliendo tra tutte le finiture disponibili sul mercato.

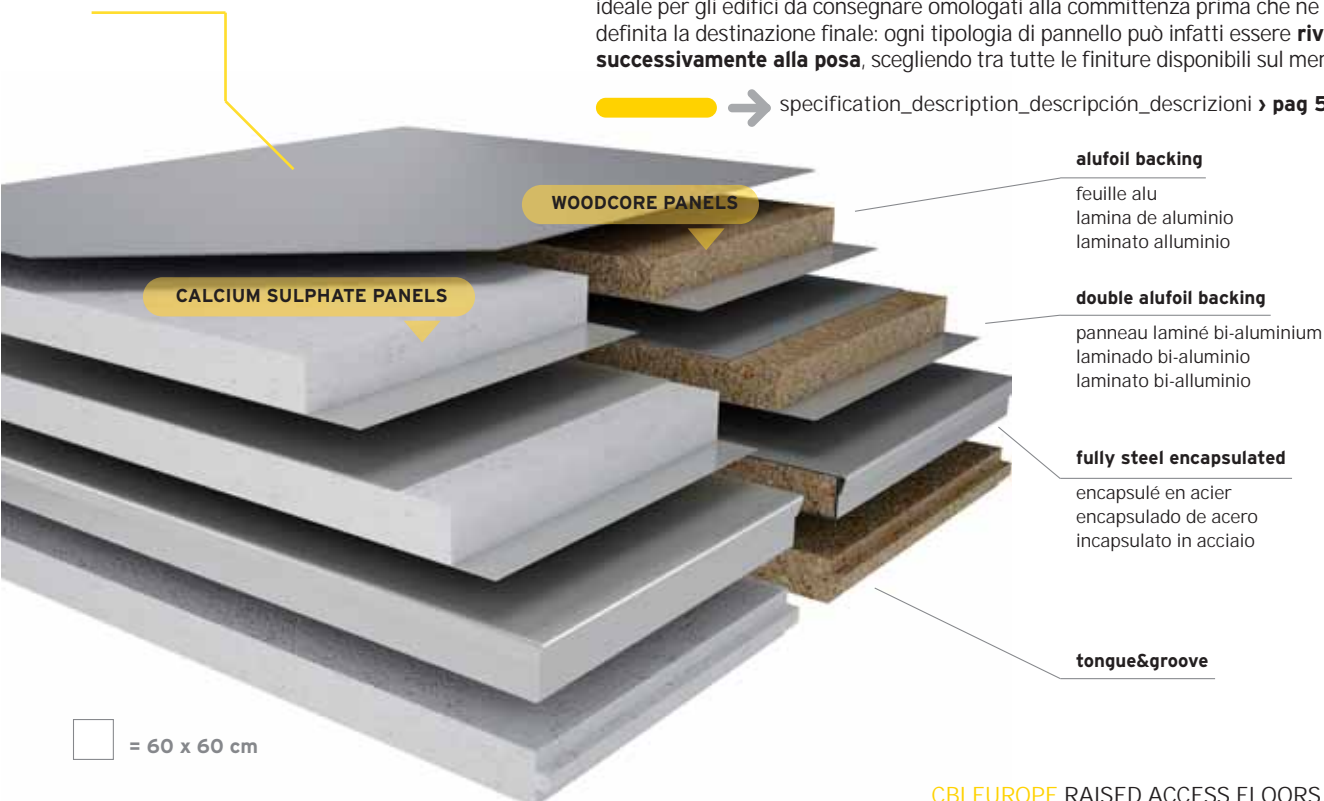
➔ [specification_description_descripción_descrizioni](#) > pag 54

After installation, floors can be covered with any type of material including moquette, rubber, linoleum, etc..

Après la pose, les surfaces pavées peuvent être revêtues de n'importe quel type de finition disponible : moquette, caoutchouc, linoléum, etc.

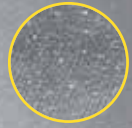
Después de la colocación, las superficies pavimentadas se pueden revestir con cualquier tipo de acabado disponible: moqueta, goma, linóleo, etc.

Dopo la posa, le superfici pavimentate si possono rivestire con ogni tipo di finitura disponibile: moquette, gomma, linoleum etc.



□ = 60 x 60 cm

calcium sulphate panel



woodcore panel



woodcore panel > fully steel encapsulated 29 mm

CBI FLOOR SYSTEM





100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile

BARE PANELS

fully steel encapsulated panels panneaux encapsulé en acier baldosas encapsulado de acero pannelli incapsulati in acciaio



CBI Europe has designed and installed the world's first completely automated production line for fully steel encapsulated panels.
 The line has an annual output of 500,000 m².

CBI Europe a conçu et mis en œuvre dans ses établissements, la première ligne au monde totalement automatisée de production de panneaux encapsulés en acier, avec une capacité productive de 500 000 m² annuels.

CBI Europe ha progettato y puesto en obra en sus propios establecimientos la primera línea en el mundo totalmente automatizada para la producción de baldosas encapsuladas en acero, con una capacidad productiva de 500.000 m² al año.

CBI Europe ha progettato e messo in opera nei propri stabilimenti la prima linea al mondo totalmente automatizzata per la produzione di pannelli incapsulati in acciaio, con una capacità produttiva di 500.000 m² annui.

CBI Europe's **Fully Steel Encapsulated Panels** have a wood agglomerate or calcium sulphate core and are completely encased in 0.5 mm galvanised steel sheet for maximum load and humidity resistance and electrical conductivity. Their reduced thickness (31 mm) means a lower finished floor height while their light weight minimises transport costs and facilitates handling and movement on site.

Avec une âme en bois aggloméré ou en sulfate de calcium complètement revêtu d'acier zingué de 0,5 mm, les **Fully Steel Encapsulated Panels** de CBI Europe allient une **résistance élevée** aux charges et à l'humidité et la plus haute conductibilité électrique. Leur **épaisseur réduite** (31 mm), qui entraîne un plus faible encombrement de la hauteur totale du plan fini, allié à la légèreté du panneau, facilitent le déplacement sur le chantier et l'optimisation des frais de transport.

Con un núcleo aglomerado de madera o sulfato de calcio completamente revestido de acero galvanizado de 0,5 mm, los **Fully Steel Encapsulated Panels** CBI Europe unen una **elevada resistencia** a las cargas y a la humedad con la máxima conductibilidad eléctrica. El **espesor reducido** (31 mm), con la consiguiente reducción de la ocupación de la altura total del plano acabado, y la ligereza del baldosa, facilitan el desplazamiento en obras y la optimización de los gastos de transporte.

Con un'anima in conglomerato ligneo o solfato di calcio completamente rivestita in acciaio zincato 0.5 mm, i **Fully Steel Encapsulated Panels** CBI Europe uniscono **elevata resistenza** ai carichi e all'umidità alla massima conducibilità elettrica. Lo **spessore ridotto** (31 mm), con conseguente minore occupazione dell'altezza totale del piano finito, e la leggerezza del pannello facilitano la movimentazione in cantiere e l'ottimizzazione delle spese di trasporto.

→ specification_description_descripción_descrizioni > pag 54

fully steel encapsulated panel
 > calcium sulphate 30,5 mm >
 top covering > carpet lay-loose tiles
 Consulco_Nicosia_Cyprus



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specifications _ cahier de charge
 especificación _ voci di capitolato

[floors/bare panels/fully steel encapsulated panels](#)

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FACTORY
FINISHED PANELS

BARE
PANELS

RADIANT
FLOORS

technical
specifications



calcium sulphate panel > fully steel encapsulated
31 mm top covering > carpet lay-loose tiles



100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile

BARE PANELS

double alufoil panels panneaux bi-aluminium baldosas bi-aluminio pannelli laminato bi-alluminio



woodcore panels
 panneaux en aggloméré de bois
 baldosas aglomerado de madera
 pannelli in conglomerato ligneo



calcium sulphate panels
 panneaux en sulfate de calcium
 baldosas de sulfato de calcio
 pannelli in solfato di calcio

CBI Europe's double alufoil panels are available with **wood agglomerate or calcium sulphate** cores. Because they are produced using recyclable materials from a certified supply chain, they help buildings obtain a higher LEED rating. They are available in a range of thicknesses, all guaranteed fire and humidity resistant thanks to a **0.5 mm alufoil backing and surface**. Floors using these panels can be installed and finished directly on site.

Les panneaux en **aggloméré de bois ou en sulfate de calcium** sont produits avec des matières recyclables dans la filière certifiée CBI Europe, avec l'attribution conséquente de crédits Leed dans les constructions où ils sont employés. Avec des épaisseurs différentes, ils garantissent une haute résistance au feu et à l'humidité et, grâce à leur **double feuille d'aluminium de 0,5 mm** d'épaisseur, ils peuvent être posés et finis directement sur le chantier.

Los baldosas, **aglomerado de madera o sulfato de calcio**, se producen con materiales reciclables en la hilera certificada CBI Europe, con la consiguiente atribución de puntos Leed en las construcciones donde se emplean. Con espesores diferentes, garantizan una elevada resistencia al incendio y a la humedad, y gracias al **doble laminado de aluminio de espesor 0,5 mm** se pueden colocar y acabar directamente en la obra.

I pannelli, **in conglomerato ligneo o in solfato di calcio**, sono prodotti con materiali riciclabili nella filiera certificata CBI Europe, con conseguente attribuzione di punteggio Leed nelle costruzioni dove vengono impiegati. Con spessori diversi, garantiscono elevata resistenza al fuoco e all'umidità, e grazie alla **doppia laminatura in alluminio di spessore 0,5 mm** possono essere posati e finiti direttamente in cantiere.

→ specification_description_descripción_descrizioni › pag 56

› **double alufoil panels**
 › **woodcore calcium sulphate 34 mm** ›
 Swan Office Park_Bucharest
 (35.000 smq)



DOWNLOAD
 specifications _ cahier de charge
 especificación _ voci di capitolato
[floors/bare panels/double alufoil panels](#)
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FACTORY
FINISHED PANELS

BARE
PANELS

RADIANT
FLOORS

technical
specifications



tongue&groove panel > 34 mm
top covering > carpet



100% inspected with manhole
 Inspectés à 100% avec bouche
 100% inspeccionados con pozo de visita
 100% ispezionabile con botola

BARE PANELS

tongue&groove panels panneaux tongue&groove baldosas tongue&groove pannelli tongue&groove



CBI Europe's high density calcium sulphate or woodcore **tongue&groove panels** are the perfect choice for refurbished and new-build glue-free floors. Used instead of conventional floor slabs, they offer various benefits, **including inspectability of the underfloor plenum**, and quick and easy installation thanks to tongue and groove joints. On average 50% lighter than concrete floor coverings, these panels reduce total load on the building structure and facilitate transport and workability on site. They are extremely resistant to fire and humidity and can be used with any type of finish.

Les panneaux en sulfate de calcium ou aggloméré de bois haute densité **tongue&groove by CBI Europe** se prêtent parfaitement aux ouvrages de rénovation ou aux nouvelles constructions avec des systèmes à sec. **Ils remplacent la chape traditionnelle et allient l'avantage de l'inspectabilité** du compartiment technique par le biais de trappes de visite et la vitesse d'installation, grâce à l'accrochage mâle/femelle. En moyenne de 50% plus légers que les chapes en béton, ils comportent une plus faible charge globale sur les structures du bâtiment, en facilitant aussi bien le transport que leur maniabilité sur le chantier. Extrêmement résistants à l'humidité et au feu, on peut leur appliquer tous les types de finitions existantes.

Los baldosas de sulfato de calcio o aglomerado de madera de alta densidad **tongue&groove by CBI Europe** se pueden utilizar perfectamente en obras de reestructuración o para nuevas construcciones con sistemas en seco. **Sustituyen al bloque delgado de hormigón tradicional**, uniendo la ventaja de la inspeccionabilidad del compartimiento técnico mediante tapas con la velocidad de instalación, gracias al enganche macho/hembra. Son en la media más ligeros un 50% respecto a las coberturas de hormigón, implican una menor carga total sobre las estructuras de la construcción, facilitando así el transporte y la trabajabilidad en la obra. Son extremadamente resistentes a la humedad y al incendio, y se puede aplicar a los mismos todos los tipos de acabados existentes.

I pannelli in solfato di calcio o conglomerato ligneo ad alta densità **tongue&groove by CBI Europe** si prestano perfettamente per opere di ristrutturazione o per nuove costruzioni con sistemi a secco. **Sostituiscono il massetto tradizionale**, unendo il vantaggio dell'ispezionabilità del vano tecnico tramite botole alla velocità di installazione, grazie all'aggancio maschio/femmina. Mediamente più leggeri del 50% rispetto alle coperture in calcestruzzo, comportano un **minor carico complessivo sulle strutture del fabbricato**, agevolando sia il trasporto che la lavorabilità in cantiere. Estremamente resistenti all'umidità e al fuoco, vi si possono applicare tutti i tipi di finiture esistenti.

After installation, CBI Europe's tongue&groove floors can be covered with all traditional types of material, including ceramic tiles, wood blocks, moquette, linoleum etc..

Après la pose, le panneau tongue&groove peut recevoir l'application de tous les matériaux de finition traditionnels, tels que le grès, le parquet, la moquette, le linoléum etc.

Posteriormente a la colocación, sobre la baldosa tongue&groove se pueden aplicar todos los materiales de acabado tradicionales, como gres, entarimado, moqueta, linóleo, etc.

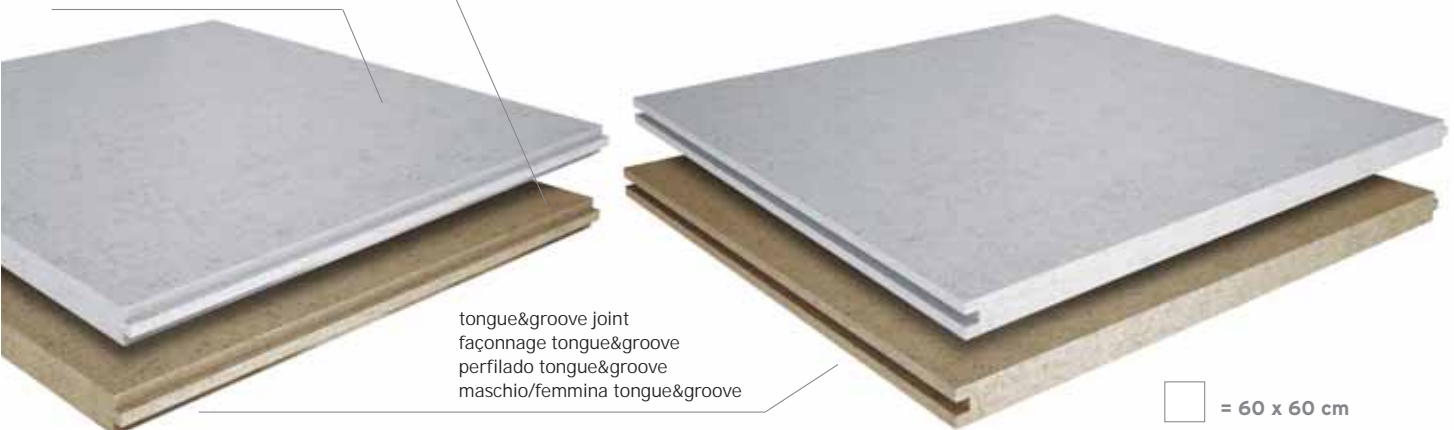
Successivamente alla posa, sul pannello tongue&groove si possono applicare tutti materiali di finitura tradizionali, come gres, parquet, moquette, linoleum etc.

woodcore panels

panneaux en aggloméré de bois
 baldosas aglomerado de madera
 pannelli in conglomerato ligneo

calcium sulphate panels



panneaux en sulfate de calcium
 baldosas de sulfato de calcio
 pannelli in solfato di calcio

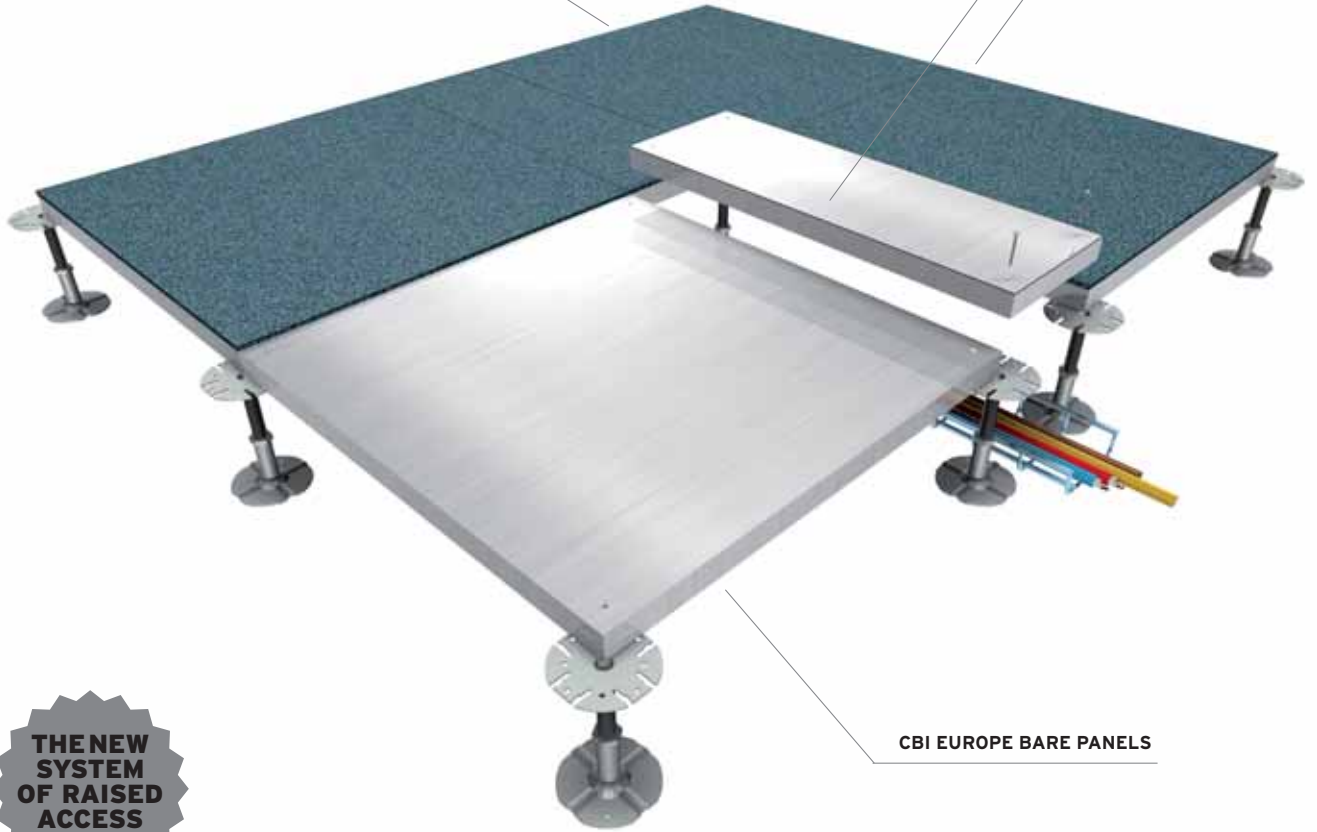


→ specification_description_descripción_descrizioni > pag 58

BARE PANELS

woodcore panels / calcium sulphate panels
panneaux en aggloméré de bois / sulfate de calcium
pannelli in conglomerato ligneo / solfato di calcio

 = 20 x 60 cm
 = 60 x 60 cm



**THE NEW
SYSTEM
OF RAISED
ACCESS
FLOORS**

CBI EUROPE BARE PANELS



cable passageway
système de gestion des cables
passaggio cavi



100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile



Cable Management System

To provide easy an inspection of the technical areas, CBI Europe offers **Cable Management System** the new system of raised access floors composed of BARE modular panels: calcium sulphate or chipboard, thickness 23 or 31 mm, 600 x 600 and 200 x 600 cm resting on standard steel structures available in different heights. In addition to allowing the traceability of the technical areas, the panel 200 x 600 cm can be easily and repeatedly raised and rehoused for maintenance, interventions or changes. After laying the panels, it can be covered with carpet or PVC finish option depending on the direction of the laying. The version **Corner Lock** is available upon request, which has perforated panels on all four sides and is prepared for possible mounting by screws.

Cable Management System, le nouveau système de planchers techniques surélevés : composé de panneaux modulaires de type BARE en sulfate ou aggloméré, épaisseur de 23 ou 31 mm, de dimensions de 600 x 600 et 200 x 600 cm reposant sur des structures standards en acier disponibles en différentes mesures. Il consent la traçabilité des installations, les panneaux 200 x 600 cm peuvent être facilement soulevés à plusieurs reprises et relégués pour manutention, intervention ou d'éventuels changements. Après la pose, les panneaux peuvent être recouverts de moquette PVC ou d'une quelque conque finition voulue durant le chantier.

Ils sont disponibles sous commande, la version **Corner Lock**, prévoit la fourniture de panneaux perforés sur les quatre côtés et elle prédisposée pour une possible installation possible les jambes par des vis.

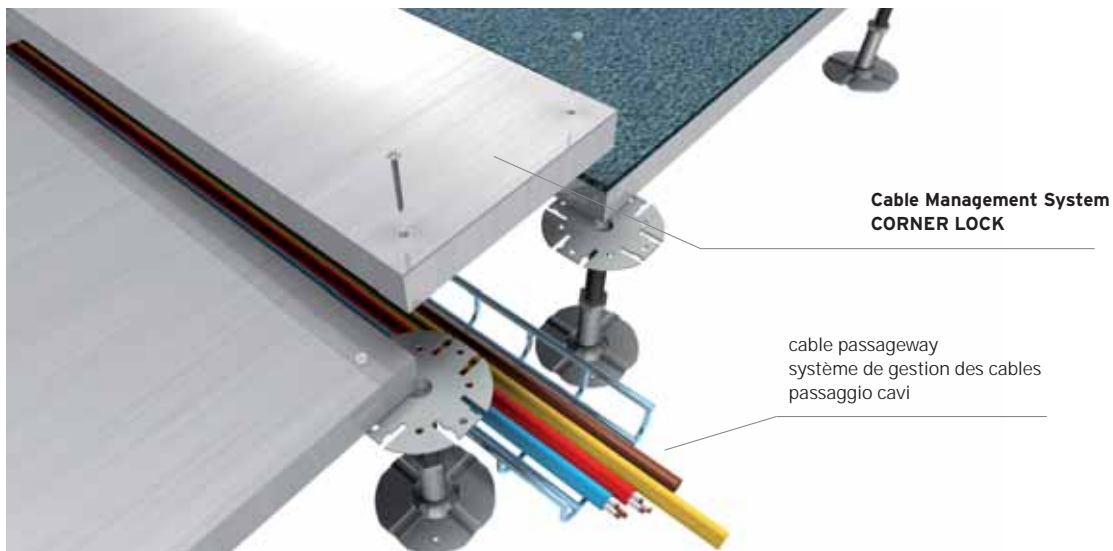
After installation, floors can be covered with any type of material including moquette, rubber, linoleum, etc..

Après la pose, les surfaces pavées peuvent être revêtues de n'importe quel type de finition disponible : moquette, caoutchouc, linoléum, etc.

Dopo la posa, le superfici pavimentate si possono rivestire con ogni tipo di finitura disponibile: moquette, gomma, linoleum etc.

Per agevolare al massimo l'ispezionabilità degli impianti nei locali tecnici, CBI Europe propone **Cable Management System**, il nuovo sistema di pavimenti tecnici sopraelevati composto da pannelli modulari tipo BARE in solfato di calcio o conglomerato ligneo, spessore 23 o 31 mm, di dimensioni 600 x 600 e 200 x 600 cm poggianti sulle strutture standard in acciaio disponibili in diverse altezze. Oltre a consentire la tracciabilità degli impianti, il pannello 200 x 600 cm può essere facilmente e ripetutamente sollevato e rialloggiato per manutenzioni, interventi o eventuali cambiamenti. Dopo la posa in opera i pannelli possono essere rivestiti con moquette PVC o qualsiasi finitura scelta dalla direzione lavori.

Disponibile su richiesta la versione **Corner Lock** che prevede i pannelli forati sui quattro lati e predisposti per eventuale fissaggio con i piedini mediante viti autofilettanti.



BARE PANELS

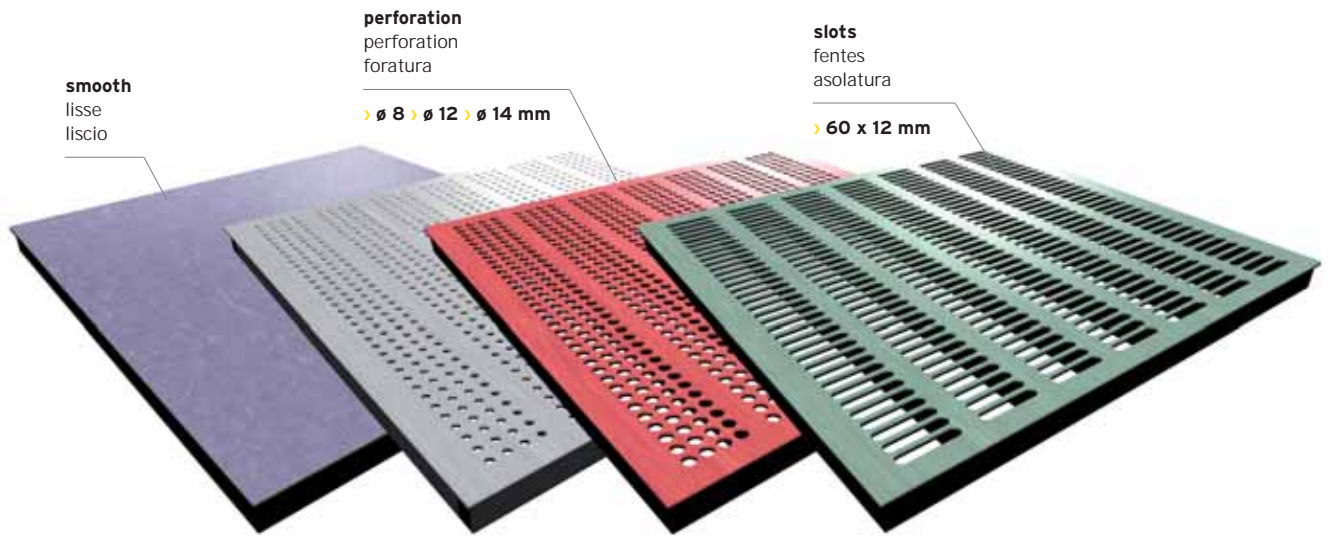
post-painted galvanized steel panels
 panneaux en acier galvanisé post-peint
 pannelli in acciaio zincato post-verniciato

h 38 mm

 = 60 x 60 cm



CBI EUROPE METAL AIR PANEL



smooth
 lisse
 liscio

perforation
 perforation
 foratura

› ø 8 › ø 12 › ø 14 mm

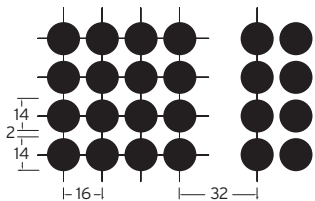
slots
 fentes
 asolatura

› 60 x 12 mm

PERFORATIONS _ PERFORATIONS _ FORATURE

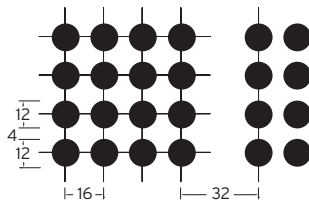
AP1/PTS

ø 14 mm = 42%



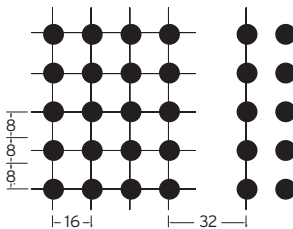
AP2/PTS

ø 12 mm = 31%



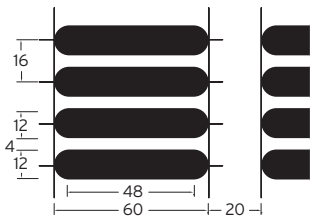
AP3/PTS

ø 8 mm = 17%



AP4/PTS

ø 60 x 12 mm = 47%





100% inspectable
 100% inspectable
 100% inspeccionable
 100% ispezionabile

Metal Air Panel

THE EUROCLASS FIRE RESISTANCE CLASSIFICATION SYSTEM

SYSTÈME DE CLASSEMENT EN RÉACTION AU FEU EUROCLASS

SISTEMA DI CLASSIFICAZIONE ANTINCENDIO EUROCLASS

A1 _ incombustible

FINISHES _ FINITIONS _ FINITURE

The top of the panel is available in

- > antistatic PVC
- > static dissipative PVC
- > conductive PVC

La finitions supérieure du panneau est disponible en

- > PVC antistatique
- > PVC statique dissipateur
- > PVC conducteur

La finitura superiore del pannello è disponibile in

- > PVC antistatico
- > PVC statico dissipativo
- > PVC conduttivo

PERFORATIONS _ PERFORATIONS _ FORATURE

Perforated areas

- > round: perforated areas 42% or 31% or 17%
- > slotted perforated areas 47%

Pourcentages de zones perforées

- > Trous ronds: zones perforées 42% ou 31% ou 17%
- > Fentes: zones perforées 47%

Percentuali di area forata

- > fori rotondi: area perforata 42% o 31% o 17%
- > fori asolati: area perforata 47%

To provide easy **ventilation and the safety of installations in the technical rooms**, CBI Europe offers **Metal Air Panel**. The new system of raised access floors, which consists of Metal Air modular panels in post-painted galvanized steel, thickness 38 mm, size 600 x 600 cm resting on standard steel structures.

The Metal Air panels, with slotted or rounded holes, in addition to the normal benefits of overhead systems, guarantee **maximum ventilation systems for the security of the data center, IT and technical areas or service areas**.

Metal Air can be easily and repeatedly raised and rehoused for maintenance, interventions or changes.

The panel is provided in four different versions, with round, slotted and perforated areas in different percentages.

Afin d'assurer une **efficace ventilation et la sécurité des installations dans les locaux techniques**, CBI Europe Vous offre **Metal Air Panel**.

Le nouveau système de planchers techniques surélevés : composé de panneaux modulaires de type panneaux Metal Air préalablement verni en acier galvanisé, 38 mm d'épaisseur, mesures 600 x 600 cm reposant sur des structures en acier standard. Les panneaux métalliques à air, avec trous ou fentes, en plus des prestations classiques des systèmes de planchers surélevés, ils garantissent une **ventilation maximale pour la sécurité des banques de données, des domaines informatiques ou techniques et des services locaux**.

Les panneaux métalliques à air peuvent être facilement soulevés à plusieurs reprises et relógés pour manutention, intervention ou d'éventuels changements.

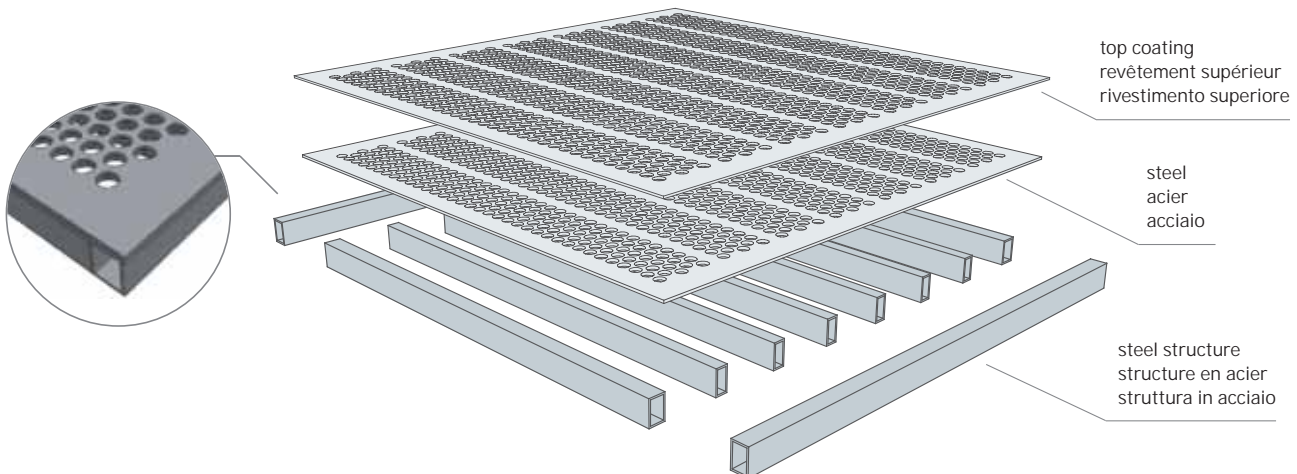
Le panneau est disponible avec de trous ronds ou des fentes, en quatre versions ronde ou fendue et avec différents pourcentages de zones perforées.

Per agevolare al massimo la **ventilazione e la sicurezza degli impianti nei locali tecnici**, CBI Europe propone **Metal Air Panel**. Il nuovo sistema di pavimenti tecnici sopraelevati è composto da pannelli modulari tipo Metal Air in acciaio zincato postverniciato, spessore 38 mm, di dimensioni 600 x 600 cm poggianti sulle strutture standard in acciaio.

I pannelli Metal Air, forati o asolati, oltre ai normali vantaggi dei sistemi sopraelevati, garantiscono la **massima ventilazione degli impianti per la sicurezza di data center, aree tecniche o informatiche e locali servizi**.

Metal Air può essere facilmente e ripetutamente sollevato e rialloggiato per manutenzioni, interventi o eventuali cambiamenti.

Il pannello è disponibile con fori tondi o asolati in quattro versioni rotonde o asolate e con diverse percentuali di area forata.

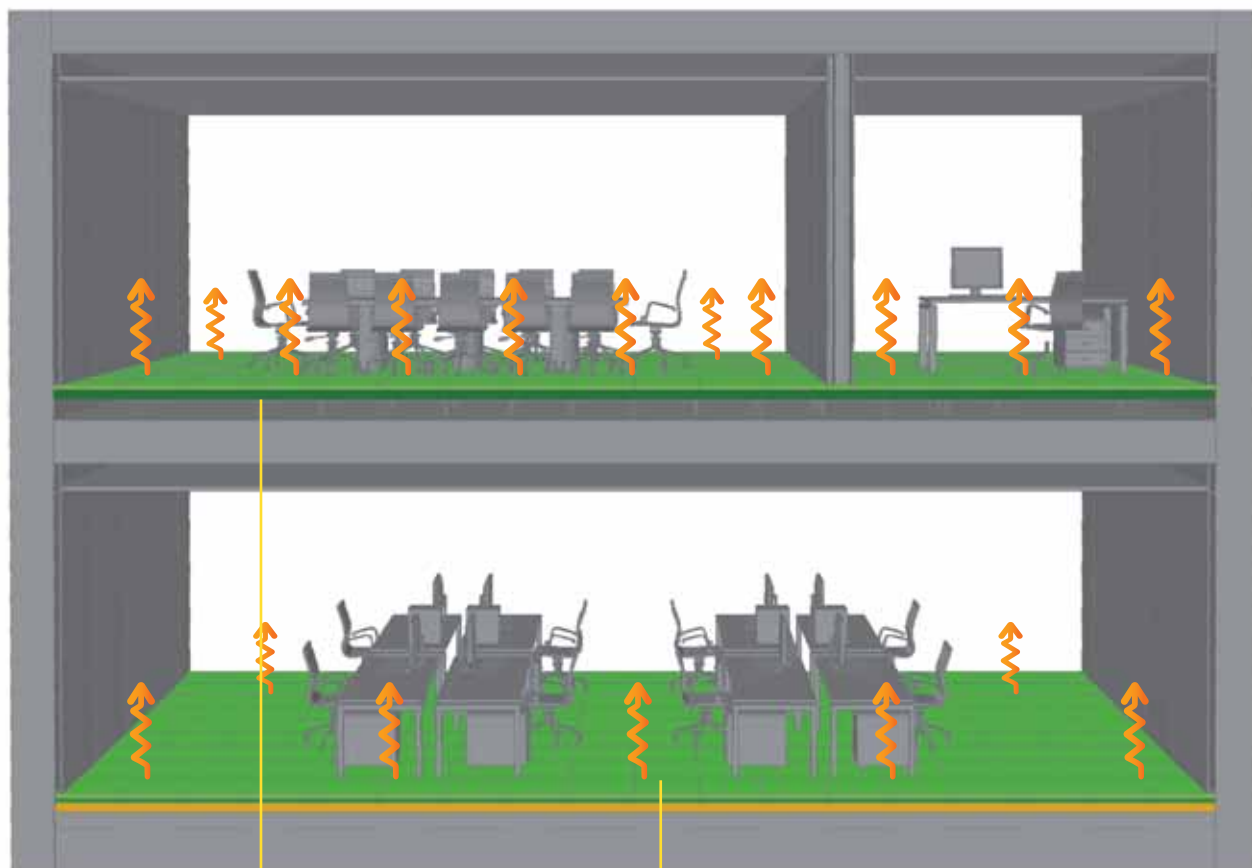






woodcore panel > alufoil backing 38 mm
top covering > solid wood parquet > doussié

CBI EUROPE RADIANT FLOORS SYSTEM



→ pag 31

The-Floor
 Radiant floor
 Plancher radiant
 Pavimento de tipo radiante
 Pavimento radiante

pag 34

Tongue&groove radiant
 Tongue&groove radiant
 Tongue&groove de tipo radiante
 Tongue&groove radiante

Invisible comfort
from high-tech systems

RADIANT FLOORS

CBI Europe's radiant floors are designed on the principle of low thermal inertia, and combine energy saving with excellent comfort in both heating and cooling applications. Flexible and versatile, **they integrate perfectly with raised floors, panelled walls and false ceilings**, and work perfectly with all CBI Europe air conditioning products.

Radiant panel and UFAD systems can be combined to maximise integration between primary air treatment and dehumidification systems and summertime cooling systems.

Superb comfort is ensured by a combination of technical and aesthetic elements that blend together so well that it is almost impossible to tell the difference between them.

**Confort invisible
à haut contenu
technologique**

Les planchers radiants Floors by CBI Europe sont conçus selon un principe de basse inertie thermique, qui associe l'économie d'énergie et un confort de haut niveau, aussi bien pour le chauffage que pour le rafraîchissement. Flexibles et polyvalents, **ils s'intègrent parfaitement avec les planchers surélevés, les revêtements de parois et les faux plafonds**, ainsi qu'avec tous les autres produits d'Air Conditioning.

L'association du système radiant et des systèmes UFAD permet une intégration ultérieure de l'installation par le traitement de l'air primaire, la déshumidification et une partie de la charge thermique d'été.

Les éléments technologiques et esthétiques s'harmonisent entre eux au grand avantage du confort, au point de rendre pratiquement impossible la distinction entre la valeur thermique et la valeur architecturale.

**Confort invisible
y elevado contenido
tecnológico**

Los baldosas de tipo radiante Floors by CBI Europe están proyectados según un principio de baja inercia térmica, que une el ahorro energético con un elevado nivel de confort, para la calefacción y también para el acondicionamiento.

Flexibles y versátiles, **se integran perfectamente con pavimentos sobreelevados, revestimientos de pared y contratechos**, además de integrarse con todos los demás productos de la gama Air Conditioning.

La asociación de los baldosas de tipo radiante con los sistemas UFAD permite lograr una ulterior integración a nivel de instalación con el tratamiento del aire primario, la deshumidificación y parte de la carga térmica estival.

Los elementos tecnológicos y estéticos se armonizan entre sí garantizando un elevado confort, hasta el punto que es casi imposible distinguir entre valor térmico y arquitectónico.

**comfort invisible
ad alto contenuto
tecnologico**

I pavimenti radianti Floors by CBI Europe sono progettati secondo un principio di bassa inerzia termica, che unisce risparmio energetico ad un elevato livello di comfort, sia per il riscaldamento che per il raffrescamento. Flessibili e versatili, **si integrano perfettamente con pavimenti sopraelevati, rivestimenti a parete e controsoffitti**, oltre che con tutti gli altri prodotti Air Conditioning. **L'associazione dei radianti con i sistemi UFAD consente un'ulteriore integrazione impiantistica con il trattamento dell'aria primaria, la deumidificazione e parte del carico termico estivo.**

Gli elementi tecnologici ed estetici si armonizzano tra loro a tutto vantaggio del comfort, al punto da rendere impercettibile la distinzione tra valenza termica ed architettonica.



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Clima System

www.cbi-europe.com

FACTORY
FINISHED PANELS

BARE
PANELS

RADIANT
FLOORS

technical
specifications

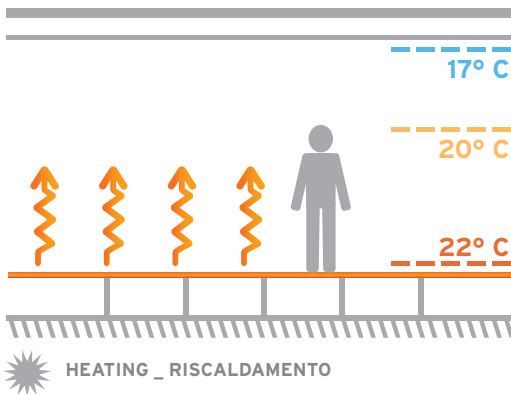


The-Floor : < 22°C / 26°C >



RADIANT FLOORS

radiant floors plancher radiant pavimento de tipo radiante pavimento radiante

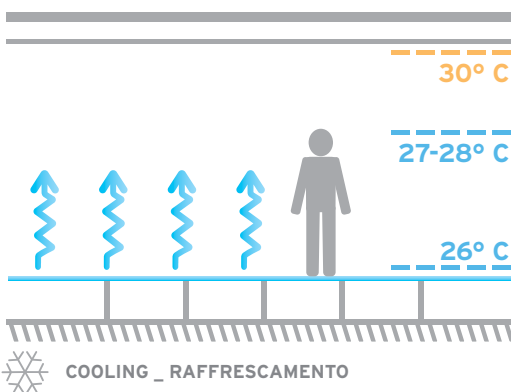


CBI Europe's radiant floors offer all the benefits of raised flooring combined with a superbly comfortable microclimate, energy saving, and reduced environmental impact. The heat transfer fluid that flows through the panels provides draught-free radiant heating or cooling and ensures far more uniform temperature and humidity and therefore a far higher level of wellbeing than can be achieved by conventional systems.

Les avantages d'un plancher surélevé alliés au confort d'un microclimat haut de gamme, à faible impact énergétique et environnemental. À travers le fluide vecteur intégré dans chaque brique, le chauffage et le refroidissement ont lieu par rayonnement, sans mouvement d'air, avec des résultats de température et d'humidité plus uniformes par rapport aux systèmes traditionnels, et un plus grand bien-être pour l'utilisateur.

Toda las ventajas de un pavimento sobreelevado unidas al confort de un microclima de gama alta, con un reducido impacto energético-medioambiental. A través del fluido vector integrado en el interior de cada loseta, la calefacción y el acondicionamiento se producen por radiación, sin movimiento de aire, con resultados de temperatura y humedad más uniformes respecto a los sistemas tradicionales, y un mayor bienestar para el usuario.

Molti i vantaggi di un pavimento sopraelevato uniti al comfort di microclima di fascia alta, a ridotto impatto energetico-ambientale. Attraverso il fluido vettore integrato all'interno di ogni singola mattonella, riscaldamento e raffreddamento avvengono per irraggiamento, senza movimento d'aria, con risultati di temperatura ed umidità più uniformi rispetto ai sistemi tradizionali, ed un maggior benessere per l'utente.



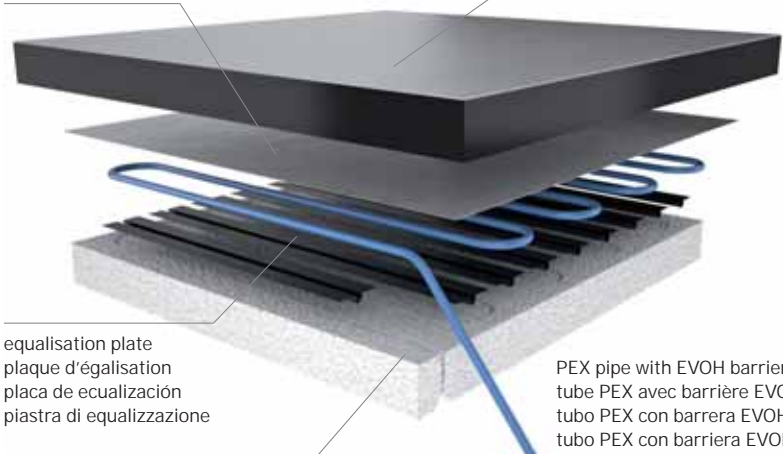
description_descrizione



description_descrizione	sun icon	snowflake icon
AIRRAD001 Radiant floor kit _ Kit radiante pavimento	kW/m ² 75	45

diffusion plate
plaque de diffusion
placa de difusión
piastra di diffusione

raised access floor
plancher surélevé
pavimentos técnicos sobreelevados
pavimento sopraelevato



equalisation plate
plaque d'égalisation
placa de equalización
piastra di equalizzazione

PEX pipe with EVOH barrier
tube PEX avec barrière EVOH
tubo PEX con barrera EVOH
tubo PEX con barrera EVOH

high density polystyrene insulation
isolant en polystyrène haute densité
aislante de poliestireno de alta densidad
isolante in polistireno ad alta densità

DIMENSIONS _ DIMENSIONS _ TAMAÑO _ DIMENSIONI



60 X 60 CM



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specifications _ cahier de charge
especificación _ voci di capitolato

clima system

www.cbi-europe.com

FACTORY FINISHED PANELS

BARE PANELS

RADIANT FLOORS

technical specifications

RADIANT FLOORS



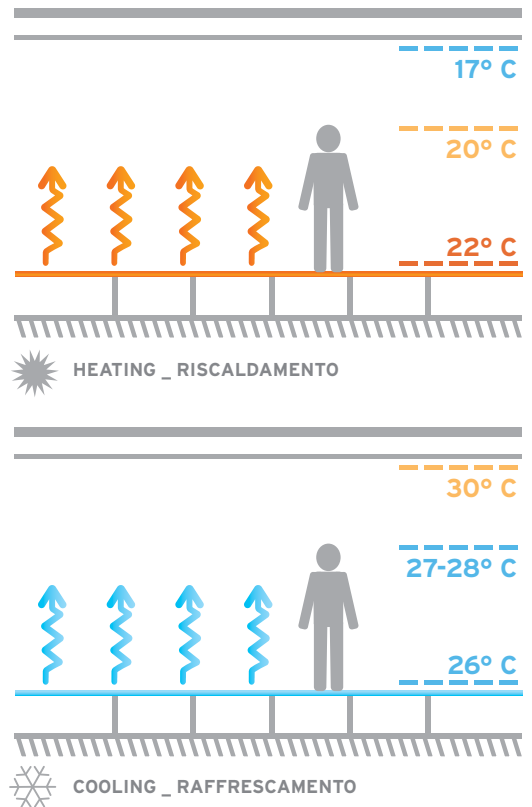
tongue&groove radiant tongue&groove radiant tongue&groove de tipo radiante tongue&groove radiante

Each **tongue&groove Radiant** panel has its own independent radiating element. A high level of performance is guaranteed by perfect contact between the panel and the radiating element. The heat transfer fluid that flows through the panels provides draught-free radiant heating or cooling and ensures far more uniform temperature and humidity and therefore a far higher level of well-being than can be achieved by conventional systems. Extremely low heat stratification and low thermal inertia also contribute to cutting system running costs.

La section radiante, indépendante pour chaque panneau **tongue&groove Radiant**, assure un contact parfait entre la brique et le radiant, avec de hauts niveaux de performance. Le fluide vecteur est intégré dans le panneau. Le chauffage et le refroidissement ont lieu par rayonnement, sans mouvement d'air, avec des résultats plus uniformes par rapport aux systèmes traditionnels, mais aussi avec un meilleur bien-être pour l'utilisateur. La stratification très réduite de la chaleur et la basse inertie thermique abattent considérablement les coûts d'exercice.

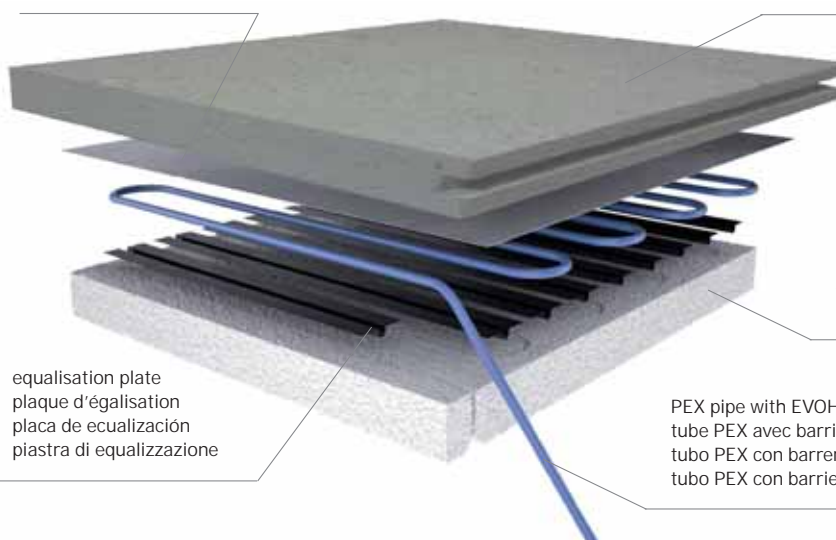
La sección radiante es independiente para cada baldosa **tongue&groove Radiant** y asegura un contacto perfecto entre la loseta y el baldosa radiante, con prestaciones de alto nivel. El fluido vector integrado en el interior del baldosa, la calefacción y el acondicionamiento se producen por radiación, sin movimiento de aire, con **resultados más uniformes respecto a los sistemas tradicionales, y un mayor bienestar para el usuario**. La reducida estratificación del calor y la baja inercia térmica disminuyen considerablemente los costos de ejercicio.

La sezione radiante è indipendente per ogni pannello **tongue&groove Radiant** ed assicura un contatto perfetto tra mattonella e radiante, con alti livelli di performance. Il fluido vettore è integrato all'interno del pannello, e riscaldamento e raffreddamento avvengono per irraggiamento, senza movimento d'aria, con **risultati più uniformi rispetto ai sistemi tradizionali ed un maggior benessere per l'utente**. La ridottissima stratificazione del calore e la bassa inerzia termica abbattano considerevolmente i costi d'esercizio.



diffusion plate
plaque de diffusion
placa de difusión
piastra di diffusione

tongue&groove panel
panneau tongue&groove
baldosa tongue&groove
pannello tongue&groove



high density polystyrene insulation
isolant en polystyrène haute densité
aislante de poliestireno de alta densidad
isolante in polistireno ad alta densità

equalisation plate
plaque d'égalisation
placa de equalización
piastra di equalizzazione

PEX pipe with EVOH barrier
tube PEX avec barrière EVOH
tubo PEX con barrera EVOH
tubo PEX con barriera EVOH



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specifications _ cahier de charge
 especificación _ voci di capitolato
 floors

www.cbi-europe.com

Wellbeing in all seasons with CBI Europe radiant panel floors.
 Extremely low energy consumption for low environmental impact and reduced running costs.

Le bien-être toutes les saisons avec les planchers radiants Floors by CBI Europe.
 Avec une grande attention à l'impact énergétique et environnemental, mais aussi aux coûts de gestion.

Bienestar en todas las estaciones con los pavimentos de tipo radiante Floors by CBI Europe.
 Con una gran atención por el impacto energético-medioambiental y por los costos de gestión.

Benessere per tutte le stagioni con i pavimenti radianti Floors by CBI Europe.
 Con grande attenzione per l'impatto energetico-ambientale e per i costi di gestione.

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CBI
EUROPE

INTERIOR TECHNOLOGY SOLUTIONS





technical specifications

CERAMIC TILES

CERAMIC TILES _ GRÈS ÉMAILLÉ _ BALDOSA DE CERAMICA _ GRES PORCELLANATO

ARCHITECTURE

available sizes _ formato disponibile: **600 x 600 x 10,5 mm**

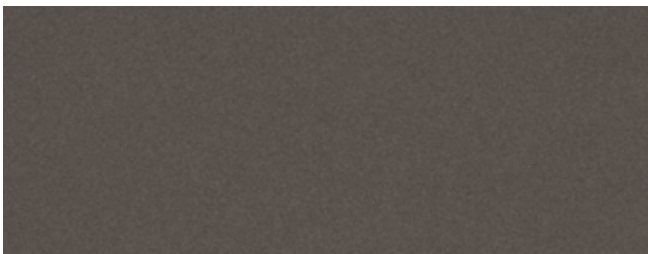
available finishing _ finiture disponibili: **UNPOLISHED _ NATURALE**



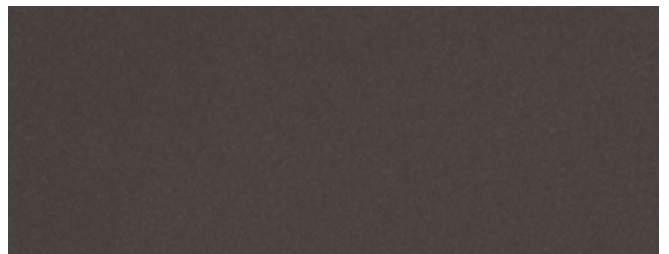
dark ivory matt



beige matt



light brown matt



dark brown matt



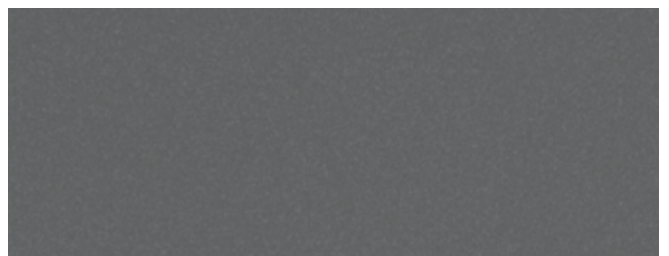
warm grey matt



cool grey matt



light grey matt



medium grey matt



dark grey matt

CERAMIC TILES

CERAMIC TILES _ GRÈS ÉMAILLÉ _ BALDOSA DE CERAMICA _ GRES PORCELLANATO

HABITAT

available sizes _ formato disponibile: 600 x 600 x 10,5 mm
available finishing _ finiture disponibili: UNPOLISHED _ NATURALE



60DG



60CE



60G



60A



60N



60W

FACTORY
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CERAMIC TILES

CERAMIC TILES _ GRÈS ÉMAILLÉ _ BALDOSA DE CERAMICA _ GRES PORCELLANATO

METEOR

available sizes _ formato disponibile: **600 x 600 x 10,5 mm**

available finishing _ finiture disponibili: **UNPOLISHED _ NATURALE / POLISHED _ LEVIGATA**



beige



brown



grigio



almond



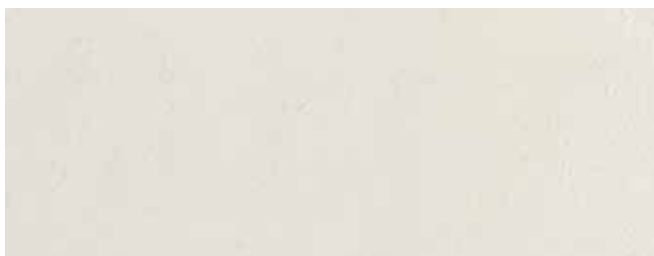
perla



nero



india green



bianco



grafite



blu

CERAMIC TILES

CERAMIC TILES _ GRÈS ÉMAILLÉ _ BALDOSA DE CERAMICA _ GRES PORCELLANATO

METALWOOD

available sizes _ formato disponibile: 600 x 600 x 10,5 mm
available finishing _ finiture disponibili: UNPOLISHED _ NATURALE



argento



bronzo



carbonio



iridio



piombo



platino



silicio



oro

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CERAMIC TILES

CERAMIC TILES _ GRÈS ÉMAILLÉ _ BALDOSA DE CERAMICA _ GRES PORCELLANATO

MARTE - marble imitation _ MARTE - effetto marmorizzato

available sizes _ formato disponibile: 600 x 600 x 18 mm

available finishing _ finiture disponibili: POLISHED _ LEVIGATA



acapulco black _ nero acapulco



moonlight _ raggio di luna



royal yellow _ giallo reale



soraya red _ rosso soraya



egean grey _ grigio egeo



bronzetto _ bronzetto



brasil pink _ rosa brasilie



portugal pink _ rosa portogallo



ramora brown _ ramora brown



cream marfil _ crema marfil



palisander _ palissandro



botticino _ botticino

NATURAL STONE

MARBLE _ MARBRE _ MÁRMOL _ MARMO

available sizes _ formato disponibile: **600 x 600 x 18 mm**
available finishing _ finiture disponibili: **POLISHED _ LEVIGATA**



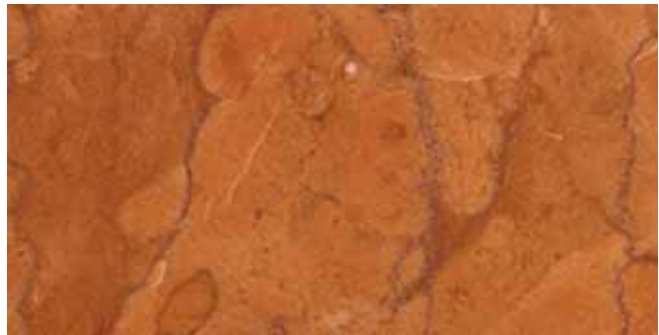
carrara white _ bianco carrara



botticino semi-classic _ botticino semiclassico



white perlino _ perlino bianco



verona red _ rosso verona



roman travertino _ travertino romano



istria yellow _ giallo istria



pietra serena _ pietra serena



guatemala green _ verde guatemala

Other types of marble available on request _ Altri tipi di marmo disponibili a richiesta

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NATURAL STONE

GRANITE _ GRANITE _ GRANITO _ GRANITO

available sizes _ formato disponibile: 600 x 600 x 17 mm

available finishing _ finiture disponibili: POLISHED _ LEVIGATA



beta pink _ rosa beta



sardo white _ bianco sardo



porrino pink _ rosa porrino



impala black _ nero impala



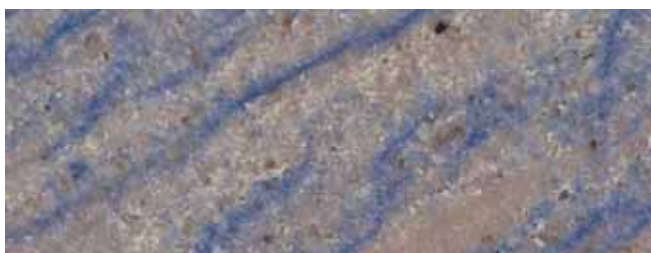
serizzo antigorio _ serizzo antigorio



baltic brown _ bruno baltico



marine green _ verde marina



macauba azul _ azul macauba



platinum azul _ azul platino

Other types of granites available on request _ Altri tipi di granito disponibili a richiesta

SOLID WOOD BAMBOO

BAMBOO _ BAMBOU _ BAMBÚ _ BAMBÚ

available sizes _ formato disponibile: **600 x 600 mm**
standard thickness _ spessore standard: **5 mm**



oak bamboo _ rovere bamboo

ash bamboo _ frassino bamboo

**strong,
environment-friendly,
and extremely stable**

Strong, environment-friendly, and extremely stable. The addition of a bamboo finish to CBI Europe's raised access floor range offers a greener, alternative floor surface. The introduction of bamboo is tangible proof of CBI Europe's commitment to protecting the environment. Bamboo is not only extremely strong but is the world's fastest growing plant (it can grow up to a metre a day in tropical regions). Use of bamboo therefore makes a major contribution to reducing the problem of deforestation. Often referred to as "natural steel", bamboo is cool to the touch in the summer and warm in the winter.

**résistant,
écologiquement compatible,
hautement stable**

Résistant, écologiquement compatible et hautement stable. L'introduction de la finition en bambou dans la gamme Raised Access Floors représente le choix écologique et alternatif de CBI, fruit d'un engagement concret à l'avantage de l'environnement: le bambou est une plante très résistante et avec la croissance la plus rapide au monde - 1 mètre par jour dans les régions tropicales; un facteur qui, en fait, réduit le problème de la déforestation. Également appelé «acier naturel», il est frais en été et chaud en hiver.

**resistente,
ecocompatible,
altamente estable**

Resistente, ecocompatible y altamente estable. La introducción del acabado de bambú dentro de la gama Raised Access Floors representa la elección verde y alternativa de CBI, fruto de un empeño concreto ante el medio ambiente: el bambú es una planta muy resistente y, en el mundo, es la que crece más rápidamente - 1 m al día en las regiones tropicales, factor que reduce de hecho el problema de la deforestación. Denominado también "acero natural", es fresco en verano y cálido en invierno.

**resistente
ecocompatibile
altamente stabile**

Resistente, ecocompatibile ed altamente stabile. L'inserimento della finitura in bambu all'interno della gamma Raised Access Floors rappresenta la scelta verde ed alternativa di CBI, frutto di un concreto impegno a vantaggio dell'ambiente: il bambu è una pianta molto resistente e con la crescita più rapida al mondo - 1 metro al giorno nelle regioni tropicali, fattore che riduce di fatto il problema delle deforestazioni. Denominato anche "acciaio naturale", risulta fresco d'estate e caldo d'inverno.

SOLID WOOD PARQUET

ESSENCES _ ESSENCES _ ESENCIAS _ ESSENZE

available sizes _ formato disponibile: 600 x 600 mm

standard thickness _ spessore standard: 4 mm (other thickness on request _ altri spessori a richiesta)



iroko _ iroko



oak _ rovere



doussié africa _ africa doussié



beech _ faggio



ash _ frassino



afromosia _ afromosia



teak_ teak



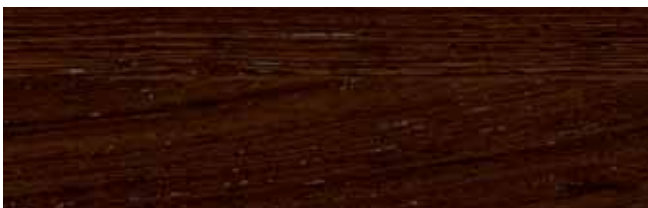
europe cherry _ ciliegio europa



walnut _ noce



europe maple _ acero europa



wengé _ wengé



american cherry _ ciliegio americano

Other types of solid wood parquet available on request _ Altri tipi di parquet disponibili a richiesta

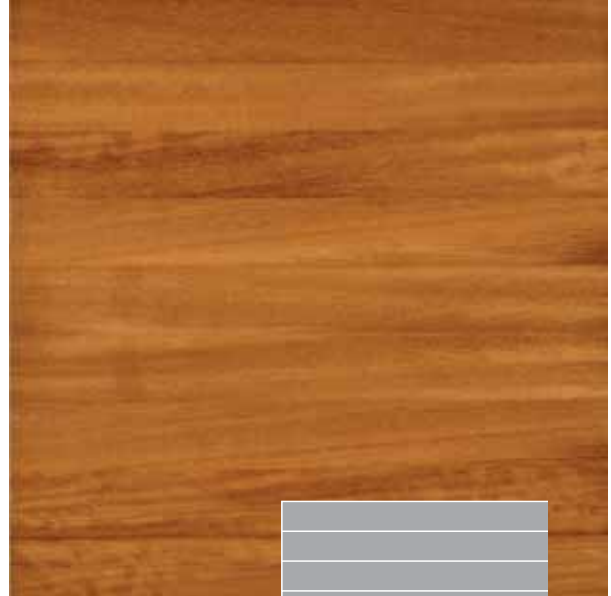
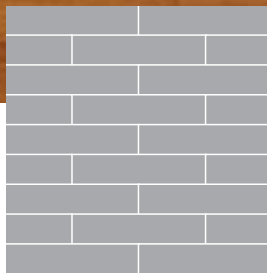
SOLID WOOD PARQUET

PARQUET DESIGN _ DESIGN PARQUET

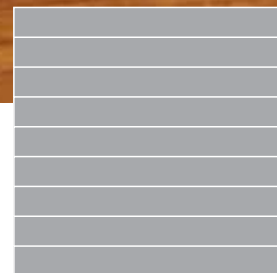
available sizes _ formato disponibile: 600 x 600 mm
standard thickness _ spessore standard: 4 mm (other thickness on request _ altri spessori a richiesta)



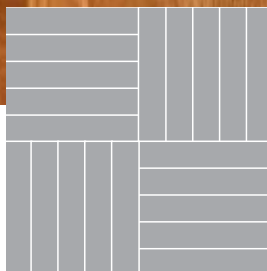
quarterdeck
cassero



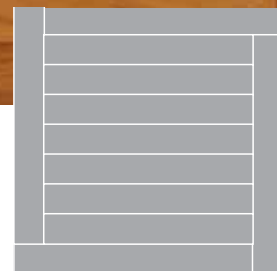
main deck
tolda di nave



mosaic
mosaico



friuli
friuli



Other types of solid wood parquet available on request _ Altri tipi di parquet disponibili a richiesta

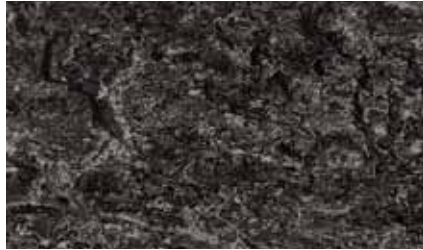
LINOLEUM

LINOLEUM _ LINOLÉUM _ LINÓLEO _ LINOLEUM

available sizes _ formato disponibile: 600 x 600 x 2,0 / 2,5 / 3,2 mm



earth



charcoal



plum



chocolate



copper



carmine



grass



sisal



lagoon



denim



zinc



aluminium



slate



sand



grey

The linoleum tiles used from CBI Europe SpA are all original Tarkett _ I linoleum utilizzati da CBI Europe SpA sono tutti originali Tarkett
Other types of linoleum, available on request _ Altri tipi di linoleum disponibili a richiesta

ANTISTATIC PVC

ANTISTATIC PVC _ PVC ANTISTATIQUE _ PVC ANTIESTÁTICO _ PVC ANTISTATICO

available sizes _ formato disponibile: 600 x 600 x 2,0 mm



107 beige



106 blue



306 green



108 medium grey



304 light grey

Other types of antistatic pvc parquet available on request _ Altri tipi di pvc antistatico disponibili a richiesta

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ANTISTATIC HPL › STANDARD

ANTISTATIC HPL _ HPL ANTISTATIQUE _ HPL ANTIESTÁTICO _ LAMINATO ANTISTATICO

available sizes _ formato disponibile: **600 x 600 mm**

standard thickness _ spessore standard: **0,9 mm (other thickness on request _ altri spessori a richiesta)**



577 grey _ grigio



576 ivory _ avorio



1379 oak _ rovere



1636 iroko _ iroko



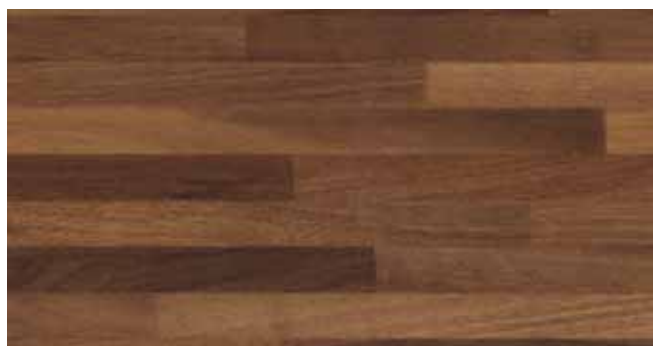
1666 beech _ faggio



1329 doussié _ doussié



1611 maple _ acero



1331 listellare _ listellare

Other types of antistatic HPL available on request _ Altri tipi di laminato antistatico disponibili a richiesta

ANTISTATIC HPL › PRESTIGE

ANTISTATIC HPL _ HPL ANTISTATIQUE _ HPL ANTIESTÁTICO _ LAMINATO ANTISTATICO

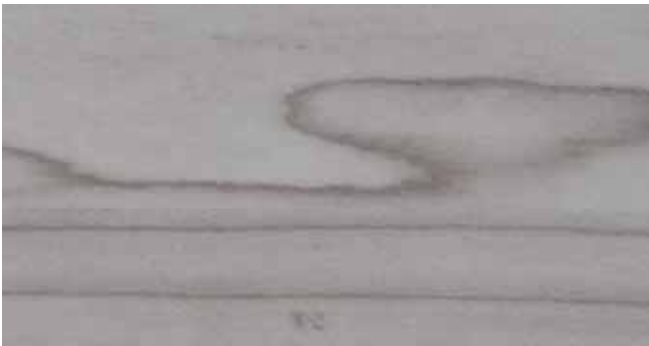
available sizes _ formato disponibile: 600 x 600 mm
standard thickness _ spessore standard: 0,9 mm (other thickness on request _ altri spessori a richiesta)



650 oak texas _ rovere texas



640 maple grey _ acero grigio



619 larch _ larice



392 wengé douglas _ wengé douglas



2810 cement _ cemento

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The standard coverings used from CBI Europe SpA are all original Abet Walkprint finishing type SEI.
I rivestimenti standard utilizzati da CBI Europe SpA sono tutti originali Abet Walkprint finitura SEI.

FACTORY FINISHED PANELS

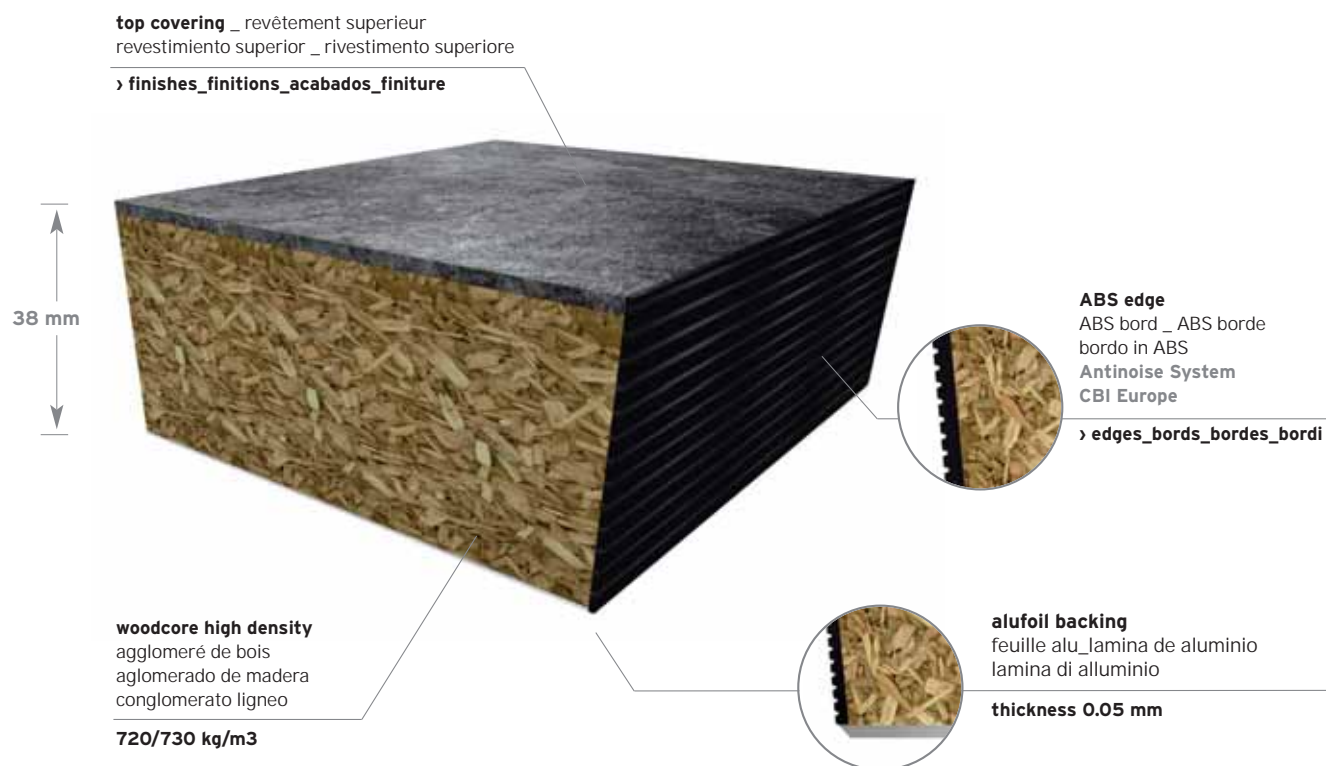


woodcore panel › alufoil backing

panneau en aggloméré de bois › feuille alu

baldosa aglomerado de madera › lamina de aluminio

pannello in conglomerato ligneo › lamina di alluminio



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction reazione al fuoco euro class	fire resistance resistenza al fuoco euro class	structure		structure		EN 140-8 impact noise**	
							CR_CBI	IF	CR_CBI	class*		IF
panelbacking, alu foil dôs du panneau en aluminium soffitto inferior de aluminio rivestimento inferiore in alluminio	PT38A	60 x 60	38	28	Bfl-s1	REI 30	4,116	4,704	14,180	6	14,460	24 dB

∇ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm

∇∇∇ (KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: woodcore high density 720/730 kg/m3 +/- 3%. **Dimensions:** 600X 600X38 mm. **Top Covering:** to be selected by the project manager on end-user. **Bottom covering:** alufoil thickness 0.05 mm. **Panel edge:** in ABS thickness 0.5 mm. (for ceramic tiles, marble and granite coverings: ABS thickness 0.8 mm.) Colors: black, beige, grey.

Panneau: aggloméré de bois à haute densité 720/730 kg/m3 +/- 3%. **Dimensions:** 600X600X38 mm. **Revêtement supérieur:** choisi par la Direction Travaux selon le catalogue "Floors" de CBI Europe SpA. **Dôs du panneau:** feuille alu 0,05 mm. **Bord perimetral:** ABS épaisseur 0,5 mm. (pour revêtements en grès, granite, marbre: ABS épaisseur 0,8 mm. Couleurs: noir, beige, gris.

Baldosa: aglomerado de madera alta densidad 720/730 kg/m3 +/- 3%. **Dimensiones:** 600X600X38 mm. **Revestimiento superior:** será elegir por el director del proyecto y seleccionado de catálogo de CBI Europe SpA "Floors". **Soportio inferior:** Lamina de aluminio 0,05 mm. **Cantos:** ABS espesor 0,5 mm. (para revestimientos de cerámica, granito e mármol: ABS espesor 0,8 mm.) Colores: negro, beige, gris.

Pannello: conglomerato ligneo ad alta densità 720/730 kg/m3 +/- 3%. **Dimensioni:** 600X600X38 mm. **Rivestimento superiore:** a scelta della D.L. in qualsiasi tipo di rivestimento del catalogo Floors CBI Europe SpA. **Rivestimento inferiore:** lamina di alluminio 0,05 mm. **Bordatura pannello:** ABS spessore 0,5 mm. (per rivestimenti in ceramica, marmo, granito: ABS spessore 0,8 mm. Colori: nero, beige, grigio.



FACTORY FINISHED PANELS

woodcore panel > galvanized steel dish
 panneau en aggloméré de bois > bac acier galvanisée à chaud
 baldosa aglomerado de madera > soporte de acero galvanizado
 pannello in conglomerato ligneo > vaschetta di acciaio zincato



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction reazione al fuoco euro class	fire resistance resistenza al fuoco euro class	structure		structure		EN 140-8 impact noise**	
							CR_CBI	IF	CR_CBI	class*		IF
bottom covered galvanized steel dish dôś du panneau en acier zingué soporto inferior de acero galvanizado rivestimento inferiore in acciaio zincato	60 x 60		28,5	23	Bfl-s1	-	3,560	4,112	13,970	6	14,120	22 dB
			30,5	24,5	Bfl-s1	-	4,094	4,729	14,968	6	15,129	23 dB
			38,5	31	Bfl-s1	-	5,096	5,684	15,860	6	18,200	24 dB

↓ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm ↓ ↓ ↓ (KN) ultimate load _ charge ponderée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Woodcore high density 720/730 kg/m³ +/- 3%. **Dimensions:** 600X600X**28,5/30,5/38,5** mm. **Top Covering:** To be selected by the project manager on end-user. **Bottom covering:** Galvanized steel dish thickness 0,5 mm. **Panel edge:** ABS thickness 0,5 mm. For ceramic tiles, marble and granite coverings: ABS thickness 0,8 mm. Colors: black, beige, grey.

Panneau: Aggloméré de bois à haute densité 720/730 kg/m³ +/- 3%. **Dimensions:** 600X600X**28,5/30,5/38,5** mm. **Revêtement supérieur:** Choisi par la Direction Travaux selon le catalogue "Floors" de CBI Europe SpA. **Dôś du panneau:** Bac acier galvanisée à chaud 0,5 mm. **Bord perimetral:** ABS épaisseur 0,5 mm. Pour revêtements en grès, granite, marbre: ABS épaisseur 0,8 mm. Coleurs: noir, beige, gris.

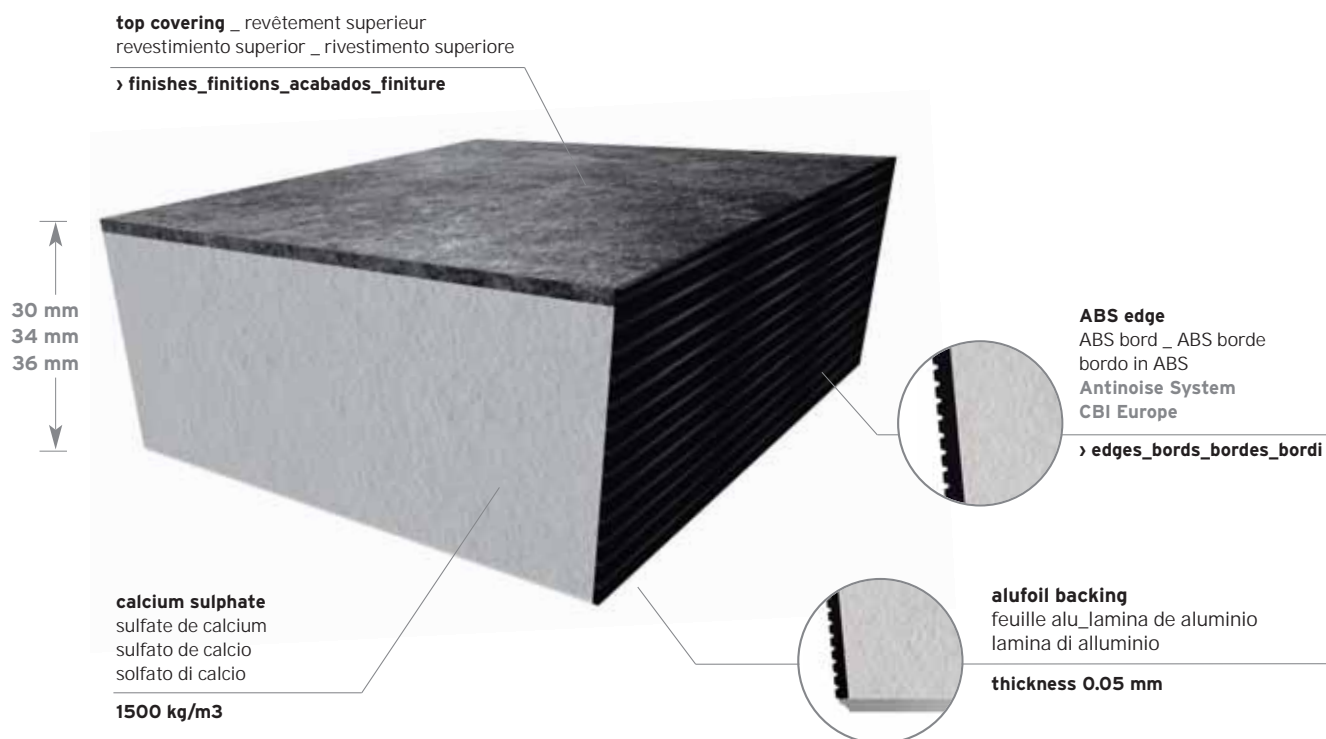
Baldosa: Aglomerado de madera alta densidad 720/730 kg/m³ +/- 3%. **Dimensiones:** 600X600X**28,5/30,5/38,5** mm. **Revestimiento superior:** Será elegir por el director del proyecto y seleccionado de catálogo de CBI Europe SpA "Floors". **Soporto inferior:** Soporto de acero galvanizado espesor 0,5 mm. **Cantos:** ABS espesor 0,5 mm. Para revestimientos de cerámica, granito e mármol: ABS espesor 0,8 mm. Colores: negro, beige, gris.

Pannello: Conglomerato ligneo ad alta densità 720/730 kg/m³ +/- 3%. **Dimensioni:** 600X600X**28,5/30,5/38,5** mm. **Rivestimento superiore:** A scelta della D.L. in qualsiasi tipo di rivestimento del catalogo Floors CBI Europe SpA. **Rivestimento inferiore:** Vaschetta di acciaio zincato spessore 0,5 mm. **Bordatura pannello:** ABS spessore 0,5 mm. Per rivestimenti in ceramica, marmo, granito: ABS spessore 0,8 mm. Colori: nero, beige, grigio.

FACTORY FINISHED PANELS



calcium sulphate panel > alufoil backing
 panneau en sulfate de calcium > feuille alu
 baldosa de sulfato de calcio > lamina de aluminio
 pannello in solfato di calcio > lamina di alluminio



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction reazione al fuoco euro class	fire resistance resistenza al fuoco euro class	structure		structure		EN 140-8 impact noise**	
							CR_CBI	IF	CR_CBI	class*		IF
bottom covered aluminium dòs du panneau en aluminium sopporto inferior de aluminio rivestimento inferiore in alluminio	60 x 60		30	45	A1	-	3,724	4,312	8,910	3	9,390	26 dB
			34	51	A1	REI 30	4,116	4,704	9,690	4	11,270	28 dB
			36	54	A1	-	4,312	4,980	14,230	6	16,180	30 dB

(KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm

(KN) ultimate load _ charge ponderée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Calcium sulphate high density 1500 kg/m³ +/- 3%. **Dimensions:** 600X600X30/34/36 mm. **Top Covering:** To be selected by the project manager on end-user. **Bottom covering:** Alufoil thickness 0.05 mm
Panel edge: ABS thickness 0.5 mm. For ceramic tiles, marble and granite coverings: ABS thickness 0,8 mm. Colors: black, beige, grey.

Panneau: Sulfate de calcium à haute densité 1500 kg/m³ +/- 3%. **Dimensions:** 600X600X30/34/36 mm. **Revêtement supérieur:** Choisi par la Direction Travaux selon le catalogue "Floors" de CBI Europe SpA. **Dòs du panneau:** Feuille alu 0,05 mm. **Bord perimetral:** ABS épaisseur 0,5 mm. Pour revêtements en grès, granite, marbre: ABS épaisseur 0,8 mm. Couleurs: noir, beige, gris.

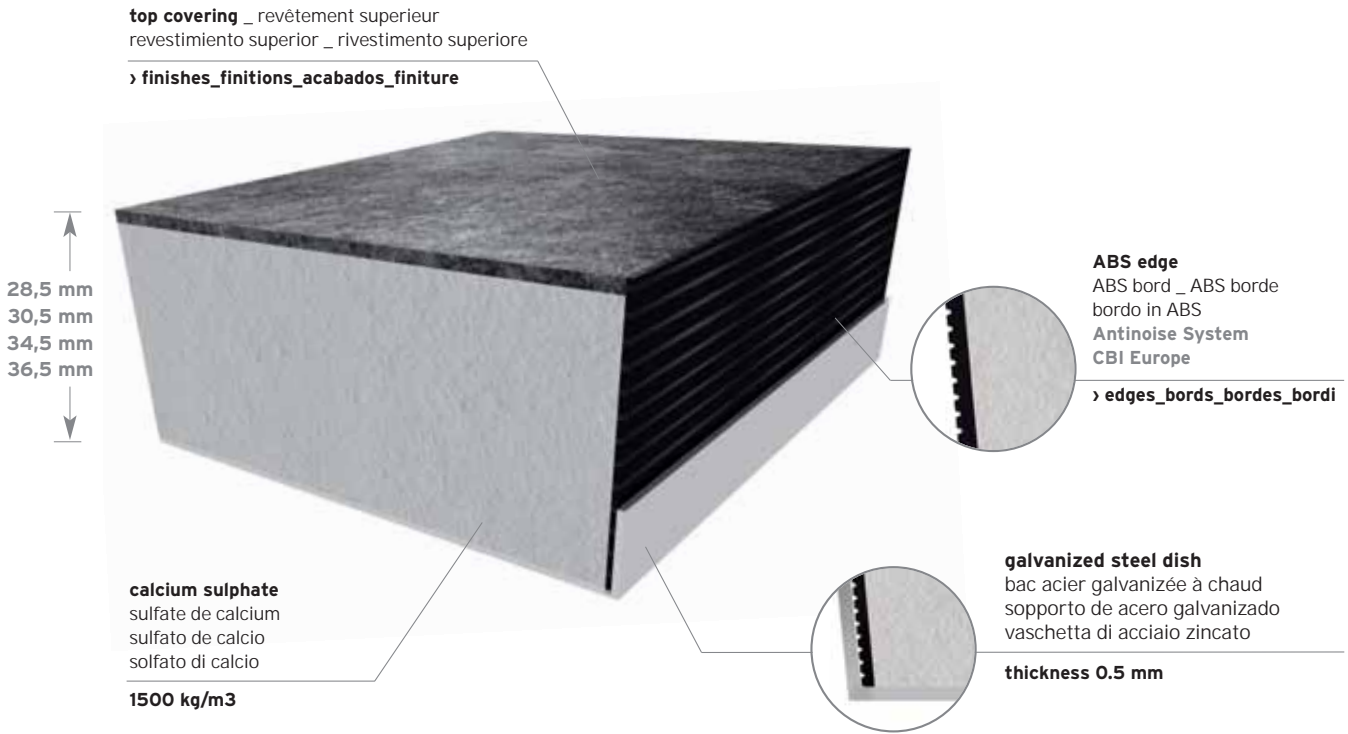
Baldosa: Sulfato de calcio alta densidad 1500 kg/m³ +/- 3%. **Dimensiones:** 600X600X30/34/36 mm. **Revestimiento superior:** Será elegir por el director del proyecto y seleccionado de catálogo de CBI Europe SpA "Floors". **Sopporto inferior:** Lamina de aluminio 0,05 mm. **Cantos:** ABS espesor 0,5 mm. Para revestimientos de cerámica, granito e mármol: ABS espesor 0,8 mm. Colores: negro, beige, gris.

Pannello: Solfato di calcio ad alta densità 1500 kg/m³ +/- 3%. **Dimensioni:** 600X600X30/34/36 mm. **Rivestimento superiore:** A scelta della D.L. in qualsiasi tipo di rivestimento del catalogo Floors CBI Europe SpA. **Rivestimento inferiore:** Lamina di alluminio 0,05 mm. **Bordatura pannello:** ABS spessore 0,5 mm. Per rivestimenti in ceramica, marmo, granito: ABS spessore 0,8 mm Colori: nero, beige, grigio.



FACTORY FINISHED PANELS

calcium sulphate panel › galvanized steel dish
 panneau en sulfate de calcium › bac acier galvanisée à chaud
 baldosa de sulfato de calcio › sopporto de acero galvanizado
 pannello in solfato di calcio › vaschetta di acciaio zincato



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction reazione al fuoco euro class	fire resistance resistenza al fuoco euro class	structure CR _ CBI	structure IF	structure CR _ CBI	structure class*	structure IF	EN 140-8 impact noise**	
bottom covered galvanized steel dish	60 x 60		28,5	37	A1	-	4,704	5,292	13,970	6	14,120	25 dB	
dôs du panneau en acier zingué			PS28.5V	30,5	39,5	A1	-	5,292	5,880	14,968	6	15,129	26 dB
sopporto inferior de acero galvanizado			PS30.5V	34,5	44,7	A1	-	5,488	6,076	17,840	6	18,450	28 dB
rivestimento inferiore in acciaio zincato			PS34.5V	36,5	47,3	A1	-	5,782	6,370	17,800	6	18,110	30 dB

⏚ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm ⏚⏚⏚ (KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel. _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau. _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Calcium sulphate high density 1500 kg/m³ +/- 3%. **Dimensions:** 600X600X**28,5/30,5/34,5/36,5** mm. **Top Covering:** To be selected by the project manager on end-user. **Bottom covering:** Galvanized steel dish thickness 0.5 mm. **Panel edge:** ABS thickness 0.5 mm. For ceramic tiles, marble and granite coverings: ABS thickness 0,8 mm. Colors: black, beige, grey.

Panneau: Sulfate de calcium à haute densité 1500 kg/m³ +/- 3%. **Dimensions:** 600X600X**28,5/30,5/34,5/36,5** mm. **Revêtement supérieur:** Choisi par la Direction Travaux selon le catalogue "Floors" de CBI Europe SpA. **Dôs du panneau:** Bac acier galvanisée à chaud 0,5 mm. **Bord perimetral:** ABS épaisseur 0,5 mm. Pour revêtements en grès, granite, marbre: ABS épaisseur 0,8 mm. Couleurs: noir, beige, gris.

Baldosa: Sulfato de calcio alta densidad 1500 kg/m³ +/- 3%. **Dimensiones:** 600X600X**28,5/30,5/34,5/36,5** mm. **Revestimiento superior:** Será elegir por el director del proyecto y seleccionando de catálogo de CBI Europe SpA "Floors". **Sopporto inferior:** Sopporto de acero galvanizado espesor 0,5 mm. **Cantos:** ABS espesor 0,5 mm. Para revestimientos de cerámica, granito e mármol: ABS espesor 0,8 mm. Colores: negro, beige, gris.

Pannello: Solfato di calcio ad alta densità 1500 kg/m³ +/- 3%. **Dimensioni:** 600X600X**28,5/30,5/34,5/36,5** mm. **Rivestimento superiore:** A scelta della D.L. in qualsiasi tipo di rivestimento del catalogo Floors CBI Europe SpA. **Rivestimento inferiore:** Vaschetta di acciaio zincato spessore 0,5 mm. **Bordatura pannello:** ABS spessore 0,5 mm. Per rivestimenti in ceramica, marmo, granito: ABS spessore 0,8 mm. Colori: nero, beige, grigio.

FACTORY FINISHED PANELS
BARE PANELS
RADIANT FLOORS
technical specifications

BARE PANELS

fully steel encapsulated panel > woodcore

panneau en acier encapsulée > aggloméré de bois

baldosa encapsulado de acero > aglomerado de madera

pannello incapsulato acciaio > conglomerato ligneo



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction reazione al fuoco euro class	fire resistance resistenza al fuoco euro class	structure		structure		EN 140-8 impact noise**	
							CR_CBI	IF	CR_CBI	IF		
encapsulated galvanized steel panel	CBL1	60 x 60	23	24	Bfl-s1	-	3,106	4,320	12,600	6	13,100	31 dB
panneau encapsulé en acier zingué	CBL		26	26	Bfl-s1	-	3,217	4,480	14,243	6	15,200	31 dB
baldosa encapsulado de acero galvanizado	CBM		29	28	Bfl-s1	-	4,524	5,170	15,010	6	18,100	31 dB
pannello incapsulato in acciaio zincato	CBH		31	29.5	Bfl-s1	REI 30	4,574	5,430	15,707	6	17,970	31 dB

↓ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm ↓↓↓ (KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Woodcore high density 700 kg/m³ +/- 3%. **Dimensions:** 600X600X**23/26/29/31** mm. **Top Covering:** Carpet lay-loose tiles. PVC/rubber lay-loose tiles. **Covering:** Galvanized steel thickness 0.5 mm.

Panneau: Aggloméré de bois à haute densité 700 kg/m³ +/- 3%. **Dimensions:** 600X600X**23/26/29/31** mm. **Revêtement supérieur:** Moquette auto-adhésive; PVC auto-adhésif. **Revêtement:** Acier zingué épaisseur 0,5 mm.

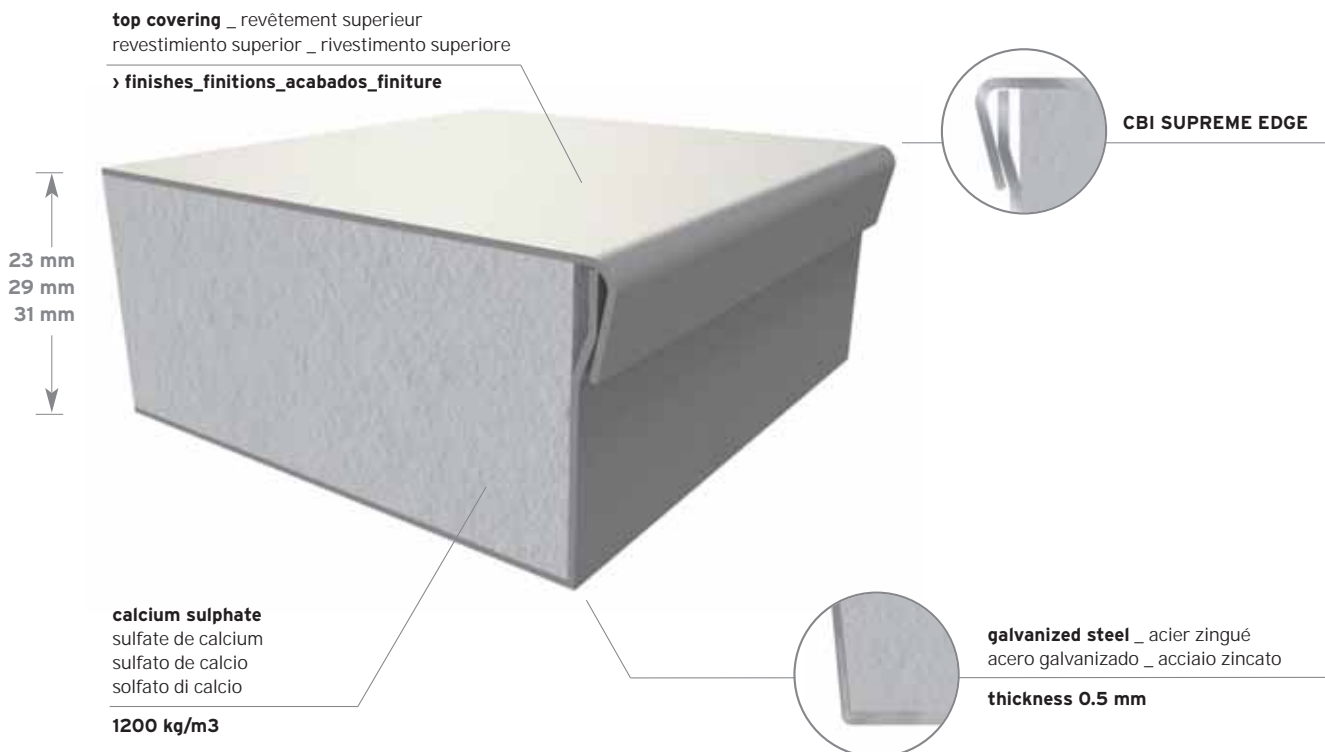
Baldosa: Aglomerado de madera alta densidad 700 kg/m³ +/- 3%. **Dimensiones:** 600X600X**23/26/29/31** mm. **Revestimiento superior:** Moqueta autoadesiva PVC autoadesivo. **Revestimiento:** Acero galvanizado espesor 0,5 mm.

Pannello: Conglomerato ligneo ad alta densità 700 kg/m³ +/- 3%. **Dimensioni:** 600X600X**23/26/29/31** mm. **Rivestimento superiore:** Moquette autoposante, PVC autoposante. **Rivestimento:** Acciaio zincato spessore 0.5 mm.



BARE PANELS

fully steel encapsulated panel › calcium sulphate
 panneau en acier encapsulé › sulfate de calcium
 baldosa encapsulado de acero › sulfato de calcio
 pannello incapsulato acciaio › solfato di calcio



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

		L	P	H	Kg/m ²	fire reaction	fire resistance	structure		structure		EN 140-8 impact noise**
						reazione al fuoco euro class	resistenza al fuoco euro class	CR_CBI	IF	CR_CBI	class*	
encapsulated galvanized steel panel panneau encapsulé en acier zingué baldosa encapsulado de acero galvanizado pannello incapsulato in acciaio zincato	CBLS	60 x 60	23	35	A1	-	4,700	5,300	12,360	6	14,100	32 dB
	CBMS		29	40	A1	-	5,100	5,410	16,240	6	16,800	34 dB
	CBHS		31	44,5	A1	REI 30	5,420	5,950	17,360	6	18,010	34 dB

(KN) point load 2.5 mm deflection, center of panel _ charge concentrée de 2.5 mm _ carico concentrato a 2.5 mm
 (KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel. _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau. _ la classe è riferita al carico concentrato a rottura al centro del pannello.
 ** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Calcium sulphate high density 1200 kg/m³ +/- 3%. **Dimensions:** 600X600X**23/29/31** mm. **Top Covering:** Carpet lay-loose tiles. PVC/rubber lay-loose tiles. **Covering:** Galvanized steel thickness 0.5 mm.

Panneau: Sulfate de calcium à haute densité 1200 kg/m³ +/- 3%. **Dimensions:** 600X600X**23/29/31** mm. **Revêtement supérieur:** Moquette auto-adhésive; PVC auto-adhésif. **Revêtement:** Acier zingué épaisseur 0,5 mm.

Baldosa: Sulfato de calcio alta densidad 1200 kg/m³ +/- 3%. **Dimensiones:** 600X600X**23/29/31** mm. **Revestimiento superior:** Moqueta autoadesiva, PVC autoadesivo. **Revestimiento:** Acero galvanizado espesor 0,5 mm.

Pannello: Solfato di calcio ad alta densità 1200 kg/m³ +/- 3%. **Dimensioni:** 600X600X**23/29/31** mm. **Rivestimento superiore:** Moquette autoposante, PVC autoposante. **Rivestimento:** Acciaio zincato spessore 0.5 mm.

FACTORY FINISHED PANELS
 BARE PANELS
 RADIANT FLOORS
 technical specifications



BARE PANELS

double alufoil panel › woodcore
 panneau bi-laminé en aluminium › aggloméré de bois
 baldosa bi-aluminio › aglomerado de madera
 pannelo laminato bi-alluminio › conglomerato ligneo



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction reazione al fuoco euro class	fire resistance resistenza al fuoco euro class	structure		structure		EN 140-8 impact noise**	
							CR_CBI	IF	CR_CBI	class*		IF
double alufoil panel panneau bi-laminé en aluminium baldosa bi-aluminio pannelo laminato bi-alluminio	PT38AA	60 x 60	38	28	Bfl-s1	REI 30	4,116	4,704	14,180	6	14,460	24 dB

▼ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm

▼▼▼ (KN) ultimate load _ charge ponderée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Woodcore high density 720/730 kg/m3 +/- 3%. **Dimensions:** 600X600X38 mm. **Top Covering:** Alufoil thickness 0.05 mm **Bottom covering:** Alufoil thickness 0.05 mm

Baldosa: Aglomerado de madera alta densidad 720/730 kg/m3 +/- 3%. **Dimenciones:** 600X600X38 mm. **Revestimiento superior:** Lamina de aluminio 0,05 mm. **Soporto inferior:** Lamina de aluminio 0,05 mm.

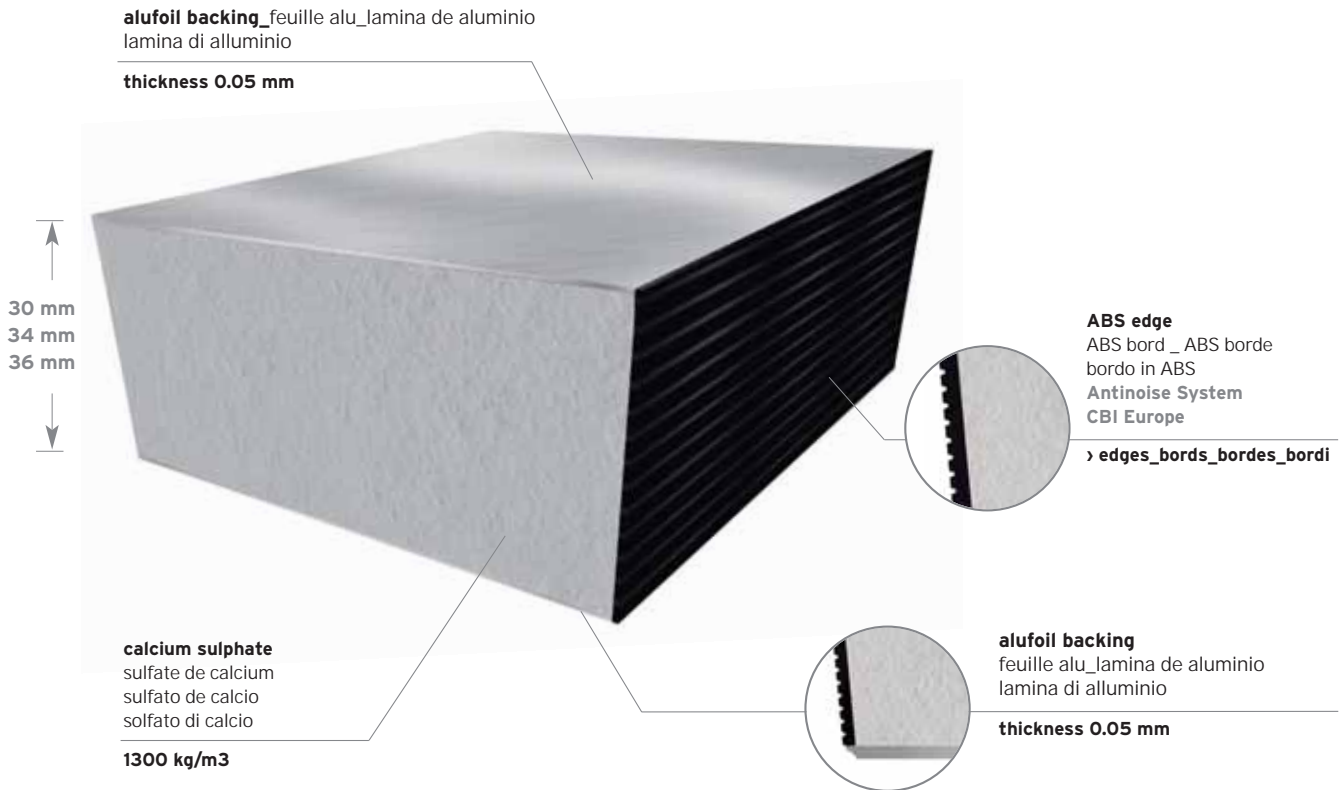
Panneau: Aggloméré de bois à haute densité 720/730 kg/m3 +/- 3%. **Dimensions:** 600X600X38 mm. **Revêtement superieur:** Feuille alu 0,05 mm. **Dôs du panneau:** Alufoil 0,05 mm.

Pannelo: Conglomerato ligneo ad alta densità 720/730 kg/m3 +/- 3%. **Dimensioni:** 600X600X38 mm. **Rivestimento superiore:** Lamina di alluminio 0,05 mm. **Rivestimento inferiore:** Lamina di alluminio 0,05 mm.



BARE PANELS

double alufoil panel > calcium sulphate
 panneau bi-laminé en aluminium > sulfate de calcium
 baldosa bi-aluminio > sulfato de calcio
 pannello laminato bi-alluminio > solfato di calcio



PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction	fire resistance	structure		structure		EN 140-8 impact noise**	
					reazione al fuoco euro class	resistenza al fuoco euro class	CR_CBI	IF	CR_CBI	class*		IF
double alufoil panel panneau bi-laminé en aluminium baldosa bi-aluminio pannello laminato bi-alluminio	60 x 60		30	45	A1	-	3,724	4,312	8,910	3	9,390	26 dB
			34	51	A1	REI 30	4,116	4,704	9,690	4	11,270	28 dB
			36	54	A1	-	4,312	4,980	14,230	6	16,180	30 dB

(KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm

(KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

** according to UNI EN ISO 717-2:2007 _ conformément à UNI EN ISO 717-2:2007 _ riferimento normativa UNI EN ISO 717-2:2007

Panel: Calcium sulphate high density 1300 kg/m³ +/- 3%. **Dimensions:** 600X600X**30/34/36** mm. **Top Covering:** Alufoil thickness 0.05 mm
Bottom covering: Alufoil thickness 0.05 mm

Panneau: Sulfate de calcium à haute densité 1300 kg/m³ +/- 3%. **Dimensions:** 600X600X**30/34/36** mm. **Revêtement supérieur:** Feuille alu 0,05 mm. **Dés du panneau:** Alufoil 0,05 mm.

Baldosa: Sulfato de calcio alta densidad 1300 kg/m³ +/- 3%. **Dimensiones:** 600X600X**30/34/36** mm. **Revestimiento superior:** Lamina de aluminio 0,05 mm. **Sopperto inferior:** Lamina de aluminio 0,05 mm.

Pannello: Solfato di calcio ad alta densità 1300 kg/m³ +/- 3%. **Dimensioni:** 600X600X**30/34/36** mm. **Rivestimento superiore:** Lamina di alluminio 0,05 mm. **Rivestimento inferiore:** Lamina di alluminio 0,05 mm.

BARE PANELS



tongue&groove panel › woodcore

panneau tongue&groove › aggloméré de bois

baldosa tongue&groove › aglomerado de madera

pannello tongue&groove › conglomerato ligneo



woodcore panel tongue&groove joint
 panneau aggloméré de bois assemblage à rainure et languette
 baldosa aglomerado de madera machihembrado
 pannello in conglomerato ligneo con incastro maschio/femmina

PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction	fire resistance	structure		structure		
					reazione al fuoco	resistenza al fuoco	CR_CBI	IF	CR_CBI	class*	IF
euro class	euro class										
woodcore panel tongue&groove panneau aggloméré de bois baldosa aglomerado de madera pannello in conglomerato ligneo	PT38TG	60 x 60	38	28	Bfl-s1	REI 30	4,116	4,704	14,580	6	12,460

↓ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm

↓↓↓ (KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau _ la classe è riferita al carico concentrato a rottura al centro del pannello.

Panel: Woodcore high density 720/730 kg/m³ +/- 3%. **Dimensions:** 600X600X**38** mm. **Top Covering:** PVC rubber, Linoleum, Carpet, Ceramic tiles, Marble, Granite, Parquet.

Baldosa: Aglomerado de madera alta densidad 720/730 kg/m³ +/- 3%. **Dimensiones:** 600X600X**38** mm. **Revestimiento superior:** PVC, Linoleum, Moqueta, Céramica, Granito, Mármol, Parquet.

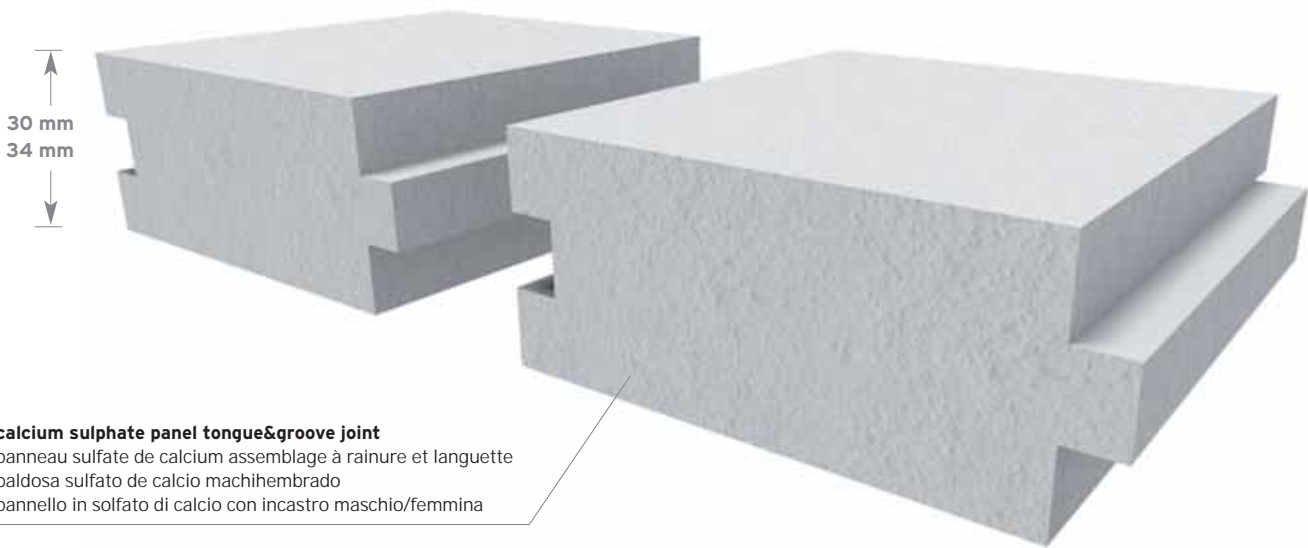
Panneau: Aggloméré de bois à haute densité 720/730 kg/m³ +/- 3%. **Dimensions:** 600X600X**38** mm. **Revêtement supérieur:** PVC, Linoleum, Moquette, Grès, Marbre, Granite, Parquet.

Pannello: Conglomerato ligneo ad alta densità 720/730 kg/m³ +/- 3%. **Dimensioni:** 600X600X**38** mm. **Rivestimento superiore:** PVC, Linoleum, Moquette, Gres porcellanato, Marmo, Granito, Parquet.



FACTORY FINISHED PANELS

tongue&groove panel › calcium sulphate
 panneau tongue&groove › sulfate de calcium
 baldosa tongue&groove › sulfato de calcio
 pannello tongue&groove › solfato di calcio



calcium sulphate panel tongue&groove joint
 panneau sulfate de calcium assemblage à rainure et languette
 baldosa sulfato de calcio machihembrado
 pannello in solfato di calcio con incastro maschio/femmina

PANEL SPECIFICATION ACCORDING TO EN 12825:2003

	L	P	H	Kg/m ²	fire reaction	fire resistance	structure		structure		
					reazione al fuoco euro class	resistenza al fuoco euro class	CR_CBI	IF	CR_CBI	class* IF	
calcium sulphate panel panneau sulfate de calcium	60	60	30	36	A1	-	3,724	4,312	8,910	3	9,390
PS30TG baldosa sulfato de calcio			34	51	A1	REI 30	4,116	4,704	9,690	4	11,270
PS34TG pannello in solfato di calcio											

↓ (KN) point load 2,5 mm deflection, center of panel _ charge concentrée de 2,5 mm _ carico concentrato a 2,5 mm ↓↓↓ (KN) ultimate load _ charge pondérée _ carico concentrato a rottura

* the class refers to the concentrated load at the breaking point in the middle of the panel. _ la classe se réfère à la charge concentrée de rupture, situé au centre du panneau. _ la classe è riferita al carico concentrato a rottura al centro del pannello.

Panel: Calcium sulphate high density 1200/1500 kg/m³ +/- 3%.
Dimensions: 600X600X**30/34** mm. **Top Covering:** PVC rubber, Linoleum, Carpet, Ceramic tiles, Marble, Granite, Parquet.

Baldosa: Sulfato de calcio alta densidad 1200/1500 kg/m³ +/- 3%.
Dimensiones: 600X600X**30/34** mm. **Revestimiento superior:** PVC, Linoleum, Moqueta, Céramica, Granito, Mármol, Parquet.

Panneau: Sulfate de calcium à haute densité 1200/1500 kg/m³ +/- 3%.
Dimensions: 600X600X**30/34** mm. **Revêtement supérieur:** PVC, Linoleum, Moquette, Grès, Marbre, Granite, Parquet.

Pannello: Solfato di calcio ad alta densità 1200/1500 kg/m³ +/- 3%.
Dimensioni: 600X600X**30/34** mm. **Rivestimento superiore:** PVC, Linoleum, Moquette, Gres porcellanato, Marmo, Granito, Parquet.

FACTORY FINISHED PANELS

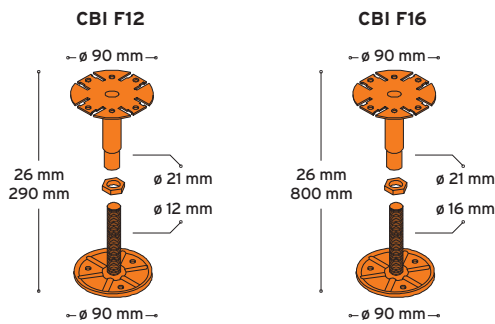
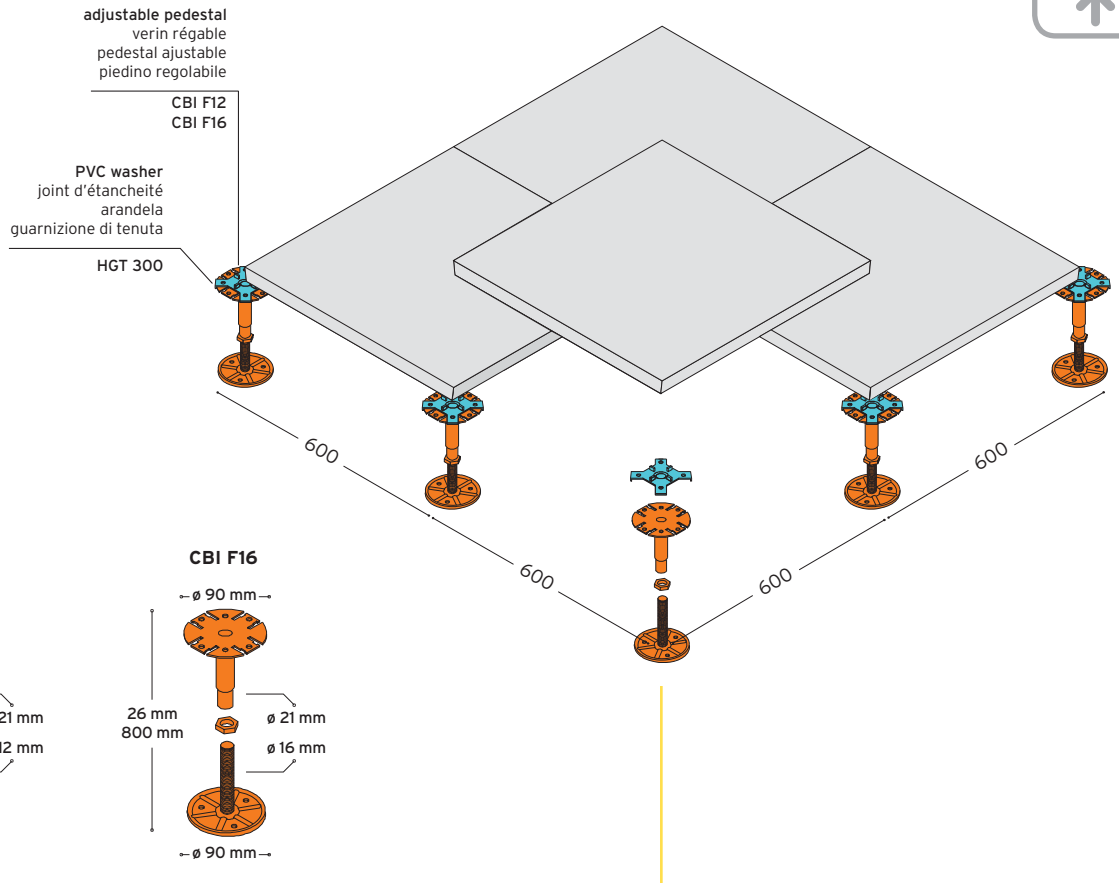
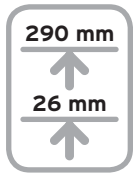
BARE PANELS

RADIANT FLOORS

technical specifications



FLOOR SYSTEM **CBI/ST**



PEDESTAL _ VERIN _ PEDESTAL _ PIEDINO

	code	height	weight/pcs			code	height	weight/pcs	
adjustable pedestal CBI F12	CBIO3F12	45/65 mm	0,23 Kg	75	adjustable pedestal CBI F16	CBIO1F16	26/35 mm	0,25 Kg	80
verin réglable CBI F12	CBIO4F12	61/90 mm	0,24 Kg	60	verin réglable CBI F16	CBIO2F16	32/48 mm	0,26 Kg	80
pedestal ajustable CBI F12	CBIO5F12	83/130 mm	0,27 Kg	55	pedestal ajustable CBI F16	CBIO3F16	45/65 mm	0,30 Kg	75
pedestal ajustable CBI F12	CBIO6F12	120/200 mm	0,30 Kg	50	pedestal ajustable CBI F16	CBIO4F16	61/90 mm	0,34 Kg	60
pedestal ajustable CBI F12	CBIO7F12	170/290 mm	0,36 Kg	40	pedestal ajustable CBI F16	CBIO5F16	83/130 mm	0,39 Kg	55
pedestal ajustable CBI F12					pedestal ajustable CBI F16	CBIO6F16	120/200 mm	0,45 Kg	50
pedestal ajustable CBI F12					pedestal ajustable CBI F16	CBIO7F16	170/290 mm	0,55 Kg	40
thickness _ spessore					thickness _ spessore				
2,5 mm					2,5 mm				

system components _ éléments du système elementos de sistema _ elementi del sistema

Technical dates / Aspects of performance value (UNI 13964 - 2005)
Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION _ REAZIONE AL FUOCO
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

MECHANICAL RESISTANCE _ RESISTENZA MECCANICA
(Under structure) 548.80 N/m2 Normal break load/Carico normale di rottura
(Under structure) 219.50 N/m2 Normal operating load/Carico normale di esercizio

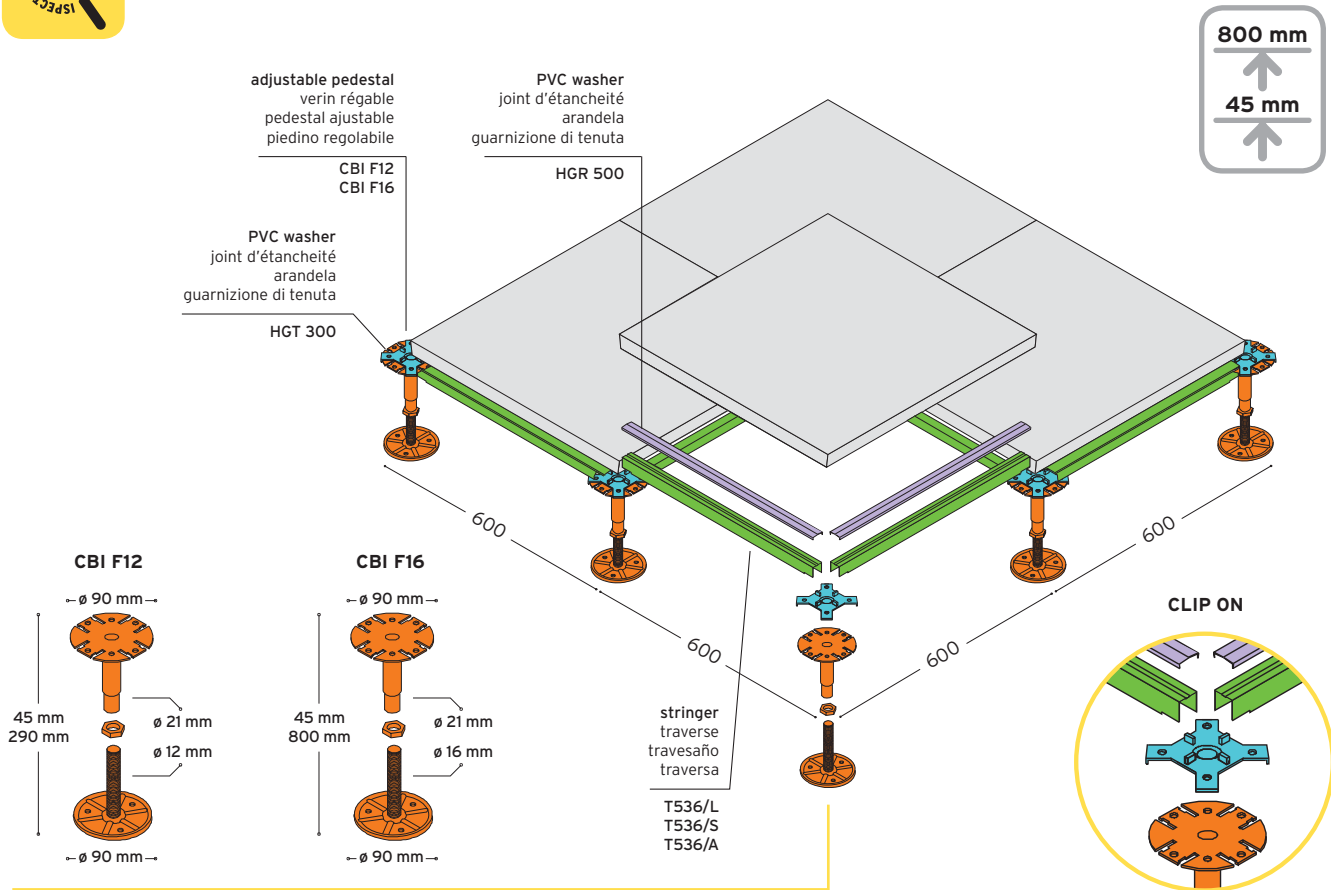
DURABILITY _ DURABILITÀ
Protection against corrosion _ Protezione contro la corrosione: EN 10327

CBI F12 CBI F16		pedestal _ verin pedestal _ piedino	size _ dimensioni	* incidence _ incidenza
			ø 90 mm	3,3 pcs/mq
HGT300		PVC washer _ joint d'étanchéité arandela _ guarnizione di tenuta	size _ dimensioni	* incidence _ incidenza
			ø 90 mm	3,3 pcs/mq

*incidence _incidenza per: area 100 mq > cf. modularity _ modularità pages



FLOOR SYSTEM CBI



PEDESTAL _ VERIN _ PEDESTAL _ PIEDINO

	code	height	weight/pcs			code	height	weight/pcs	
adjustable pedestal CBI F12	CBIO3F12	45/65 mm	0,23 Kg	75	adjustable pedestal CBI F16	CBIO3F16	45/65 mm	0,30 Kg	75
verin réglable CBI F12	CBIO4F12	61/90 mm	0,24 Kg	60	verin réglable CBI F16	CBIO4F16	61/90 mm	0,34 Kg	60
pedestal ajustable CBI F12	CBIO5F12	83/130 mm	0,27 Kg	55	pedestal ajustable CBI F16	CBIO5F16	83/130 mm	0,39 Kg	55
piedino regolabile CBI F12	CBIO6F12	120/200 mm	0,30 Kg	50	piedino regolabile CBI F16	CBIO6F16	120/200 mm	0,45 Kg	50
	CBIO7F12	170/290 mm	0,36 Kg	40		CBIO7F16	170/290 mm	0,55 Kg	40
thickness _ spessore					thickness _ spessore				
2,5 mm					2,5 mm				

STRUCTURE _ STRUCTURE _ ESTRUCTURA _ STRUTTURA

stringer _ traverse _ travesaño _ traversa di collegamento

T536/A HEAVY	T536/L LIGHT	T536/S SPACER
weight_peso 0.386 kg/pcs	0.270 kg/pcs	0.264 kg/pcs

open section stringer made with galvanised steel, Clip-On System with PVC washer.

traverse à section ouverte en acier galvanisé, système Clip-On avec joint d'étanchéité.

travesaño de conexión con sección abierta de acero galvanizado, sistema Clip-On con arandela.

traversa di collegamento a sezione aperta in acciaio zincato mod. Clip-On con guarnizioni di tenuta.

system components _ éléments du système
elementos de sistema _ elementi del sistema

CBI F12 CBI F16		pedestal _ verin pedestal _ piedino size _ dimensioni * incidence _ incidenza ø 90 mm 3,3 pcs/mq
HGT 300		PVC washer _ joint d'étanchéité arandela _ guarnizione di tenuta size _ dimensioni * incidence _ incidenza ø 90 mm 3,3 pcs/mq
T536/A T536/L T536/S		stringer _ traverse travesaño _ traversa size _ dimensioni * incidence _ incidenza L 560 mm 6,0 pcs/mq
HGR 500		PVC washer _ joint d'étanchéité arandela _ guarnizione di tenuta * incidence _ incidenza 6,0 pcs/mq

Technical dates / Aspects of performance value (UNI 13964 - 2005)
Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION _ REAZIONE AL FUOCO
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

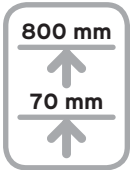
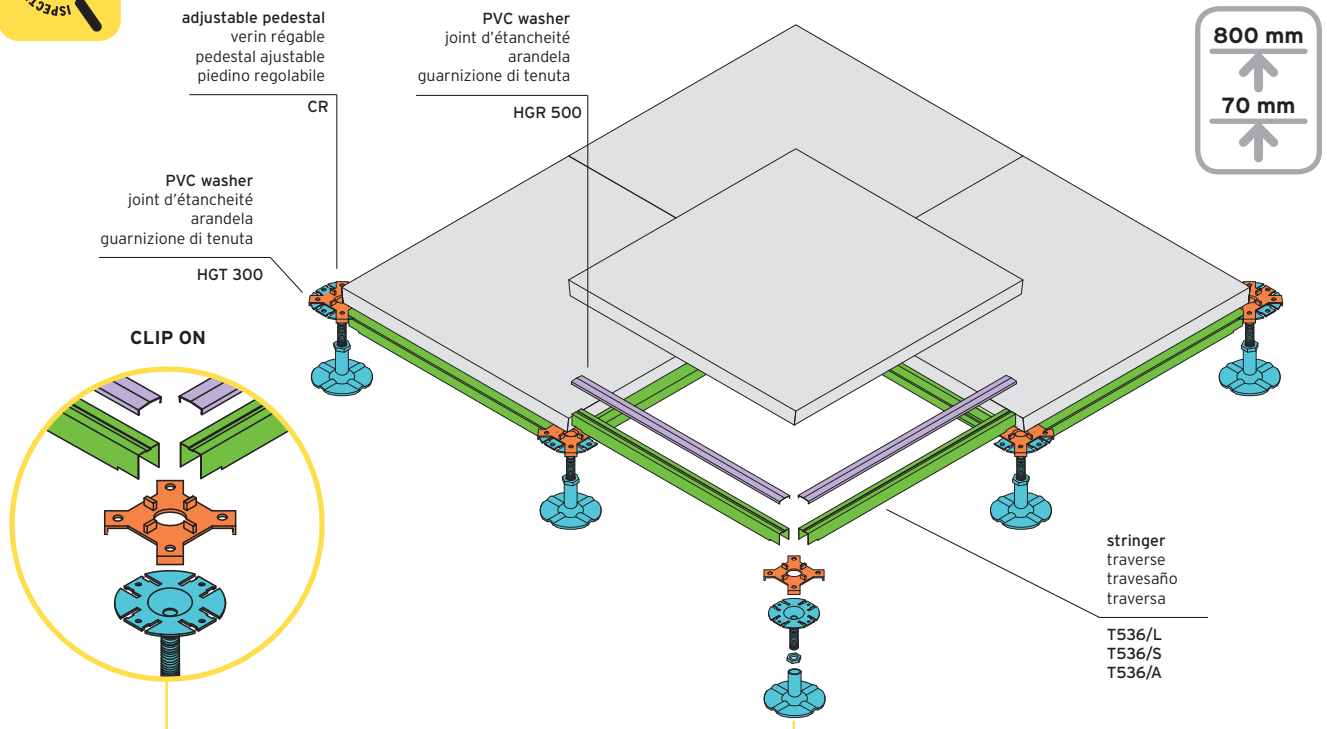
MECHANICAL RESISTANCE _ RESISTENZA MECCANICA
(Under structure) 548.80 N/m2 Normal break load/Carico normale di rottura
(Under structure) 219.50 N/m2 Normal operating load/Carico normale di esercizio

DURABILITY _ DURABILITÀ
Protection against corrosion _ Protezione contro la corrosione: EN 10327

*incidence _ incidenza per: area 100 mq > cf. modularity _ modularità pages

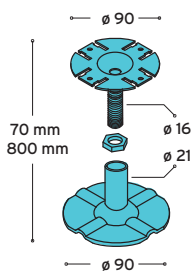


FLOOR SYSTEM CR



PEDESTAL_VERIN _ PEDESTAL _ PIEDINO

CR



adjustable pedestal CR
verin réglable CR
pedestal ajustable CR
pedino regolabile CR

thickness_ spessore
2,5 mm

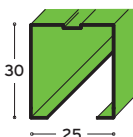
code	height	weight/pcs	
CR01F16	200/350 mm	0,68 Kg	30
CR02F16	350/550 mm	0,94 Kg	30
CR03F18	550/800 mm	1,34 Kg	15
CR04F20	800/1050 mm	1,85 Kg	15
CR05F20	1050/1300 mm	2,14 Kg	10

STRUCTURES_STRUCTURE _ ESTRUCTURA _ STRUTTURA

stringer _ traverse _ travesaño _ traversa di collegamento

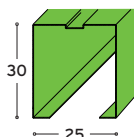
system components _ éléments du système
elementos de sistema _ elementi del sistema

T536/A
HEAVY



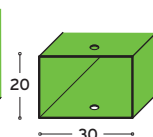
weight_peso
0.386 kg/pcs

T536/L
LIGHT



0.270 kg/pcs

TT535



0.40 kg/pcs

open section stringer made with galvanized steel, Clip-On System with PVC washer.

traverse à section ouverte en acier galvanisé, système Clip-On avec joint d'étanchéité.

travesaño de conexión con sección abierta de acero galvanizado, sistema Clip-On con arandela.

traversa di collegamento a sezione aperta in acciaio zincato mod. Clip-On con guarnizioni di tenuta.

CR



pedestal_verin
pedestal _ piedino

size _ dimensioni * incidence_incidenza
ø 90 mm 3,3 pcs/mq

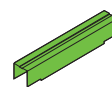
HGT 300



PVC washer _ joint d'étanchéité
arandela _ guarnizione di tenuta

size _ dimensioni * incidence_incidenza
ø 90 mm 3,3 pcs/mq

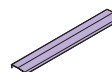
T536/A
T536/L



stringer _ traverse
travesaño _ traversa

size _ dimensioni * incidence_incidenza
L 560 mm 6,0 pcs/mq

HGR 500



PVC washer _ joint d'étanchéité
arandela _ guarnizione di tenuta

* incidence_incidenza
6,0 pcs/mq

Technical dates / Aspects of performance value (UNI 13964 - 2005)
Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION _ REAZIONE AL FUOCO
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

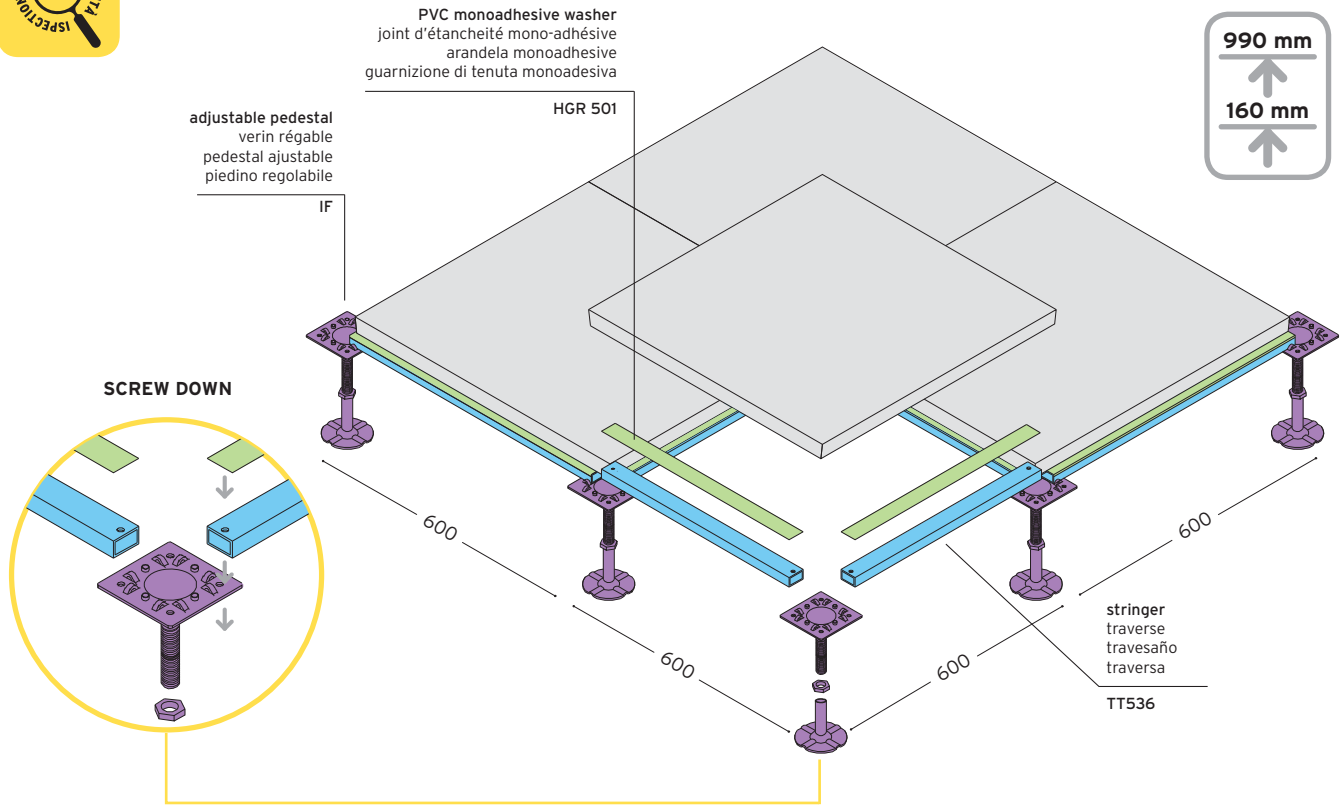
MECHANICAL RESISTANCE _ RESISTENZA MECCANICA
(Under structure) 548.80 N/m² Normal break load/Carico normale di rottura
(Under structure) 219.50 N/m² Normal operating load/Carico normale di esercizio

DURABILITY _ DURABILITÀ
Protection against corrosion _ Protezione contro la corrosione: EN 10327

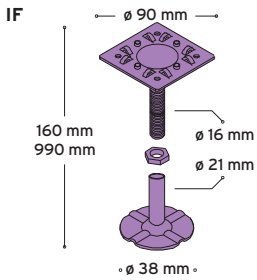
*incidence_incidenza per: area 100 mq > cf. modularity _ modularità pages



FLOOR SYSTEM IF



PEDESTAL _ VERIN _ PEDESTAL _ PIEDINO



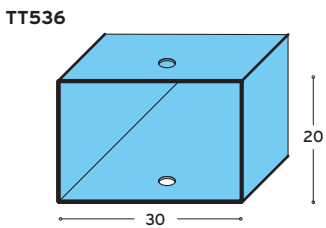
adjustable pedestal IF
 verin réglable IF
 pedestal ajustable IF
 piedino regolabile IF

thickness _ spessore
3 mm

code	height	weight/pcs
IF1622	160/220 mm	0,70 Kg
IF2128	210/280 mm	0,75 Kg
IF2734	270/340 mm	0,80 Kg
IF3339	330/390 mm	0,85 Kg
IF3844	380/440 mm	0,90 Kg
IF4349	430/490 mm	0,95 Kg
IF4854	480/540 mm	1,00 Kg
IF5359	530/590 mm	1,05 Kg
IF5873	580/730 mm	1,25 Kg
IF7287	720/870 mm	1,40 Kg
IF8699	860/990 mm	1,70 Kg

STRUCTURE _ STRUCTURE _ ESTRUCTURA _ STRUTTURA

stringer _ traverse _ travesaño _ traversa di collegamento



weight_peso thickness _ spessore
0,440 kg/pcs 1 mm

open section stringer made with galvanised steel, Screw Down System with PVC washer.

traverse à section ouverte en acier galvanisé, système Screw Down avec joint d'étanchéité.

travesaño de conexión con sección abierta de acero galvanizado, sistema Screw Down con arandela.

traversa di collegamento a sezione aperta in acciaio zincato mod. Screw Down con guarnizioni di tenuta.

system components _ éléments du système
 elementos de sistema _ elementi del sistema

IF		pedestal _ verin pedestal _ piedino	size _ dimensioni * incidence _ incidenza ø 90 mm 3,3 pcs/mq
HGR 501		PVC monoadhesive washer joint d'étanchéité mono-adhésive arandela monoadesiva guarnizione di tenuta monoadesiva	size _ dimensioni * incidence _ incidenza ø 90 mm 3,3 pcs/mq
VM05		stringer screw _ vis traverse tornillo travesaño _ vite traversa	size _ dimensioni * incidence _ incidenza 6 mm 12 pcs/mq
TT536		stringer _ traverse travesaño _ traversa	size _ dimensioni * incidence _ incidenza 20x30x560 mm 6,0 pcs/mq

Technical dates / Aspects of performance value (UNI 13964 - 2005)
 Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION _ REAZIONE AL FUOCO
 (Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

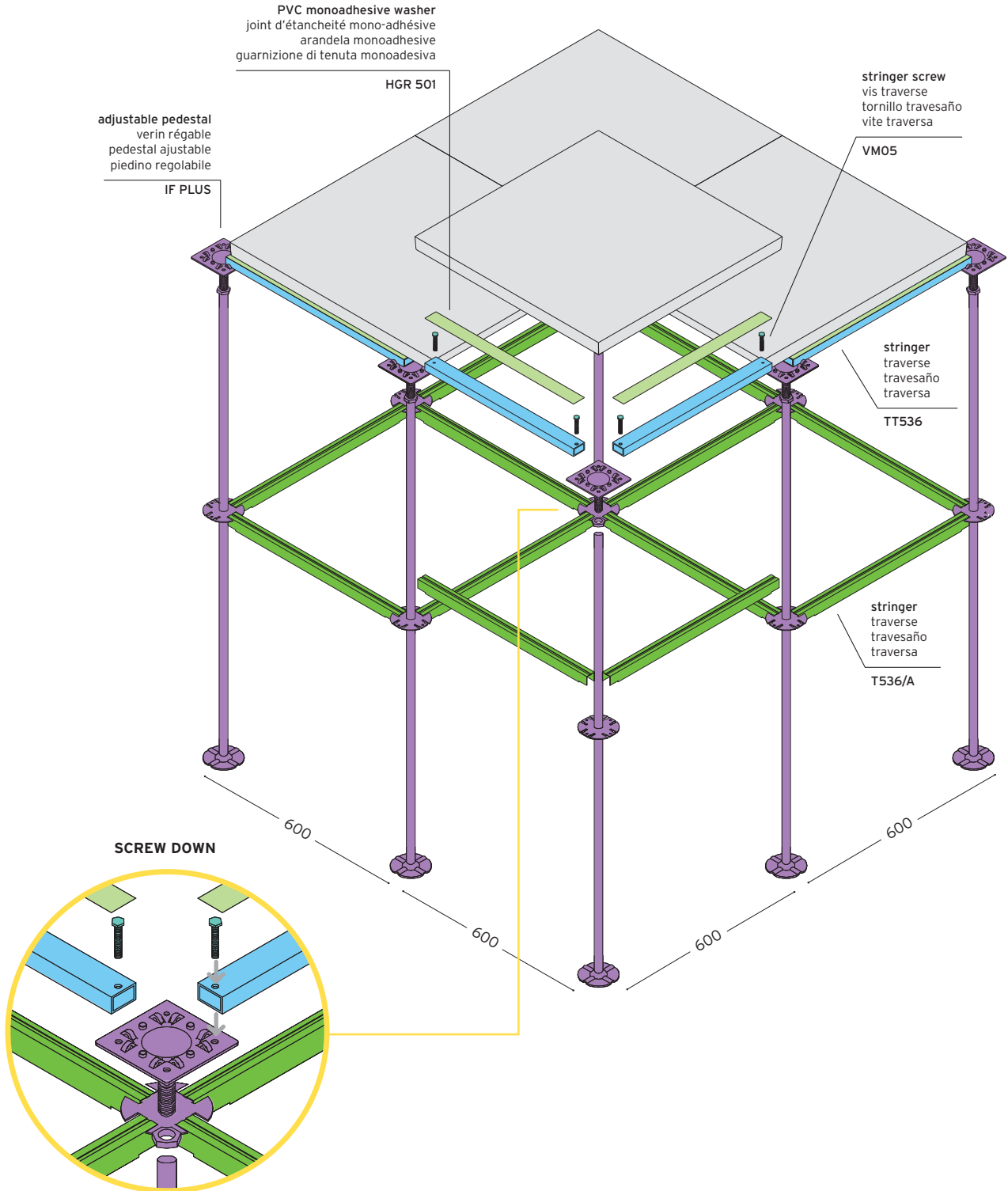
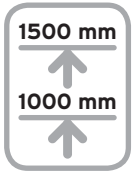
MECHANICAL RESISTANCE _ RESISTENZA MECCANICA
 (Under structure) 548.80 N/m2 Normal break load/Carico normale di rottura
 (Under structure) 219.50 N/m2 Normal operating load/Carico normale di esercizio

DURABILITY _ DURABILITÀ
 Protection against corrosion _ Protezione contro la corrosione: EN 10327

*incidence _ incidenza per: area 100 mq > cf. modularity _ modularità pages



FLOOR SYSTEM **IF PLUS**



PEDESTAL _ VERIN _ PEDESTAL _ PIEDINO

	code	height	weight/pcs
<p>IF PLUS</p> <p>adjustable pedestal IF PLUS verin réglable IF PLUS pedestal ajustable IF PLUS piedino regolabile IF PLUS</p> <p>thickness _ spessore 3 mm</p>	<p>IF PLUS 1000/1250 IF PLUS 1250/1500</p>	<p>1000/1250 mm 1250/1500 mm</p>	<p>1,50 Kg 1,80 Kg</p>

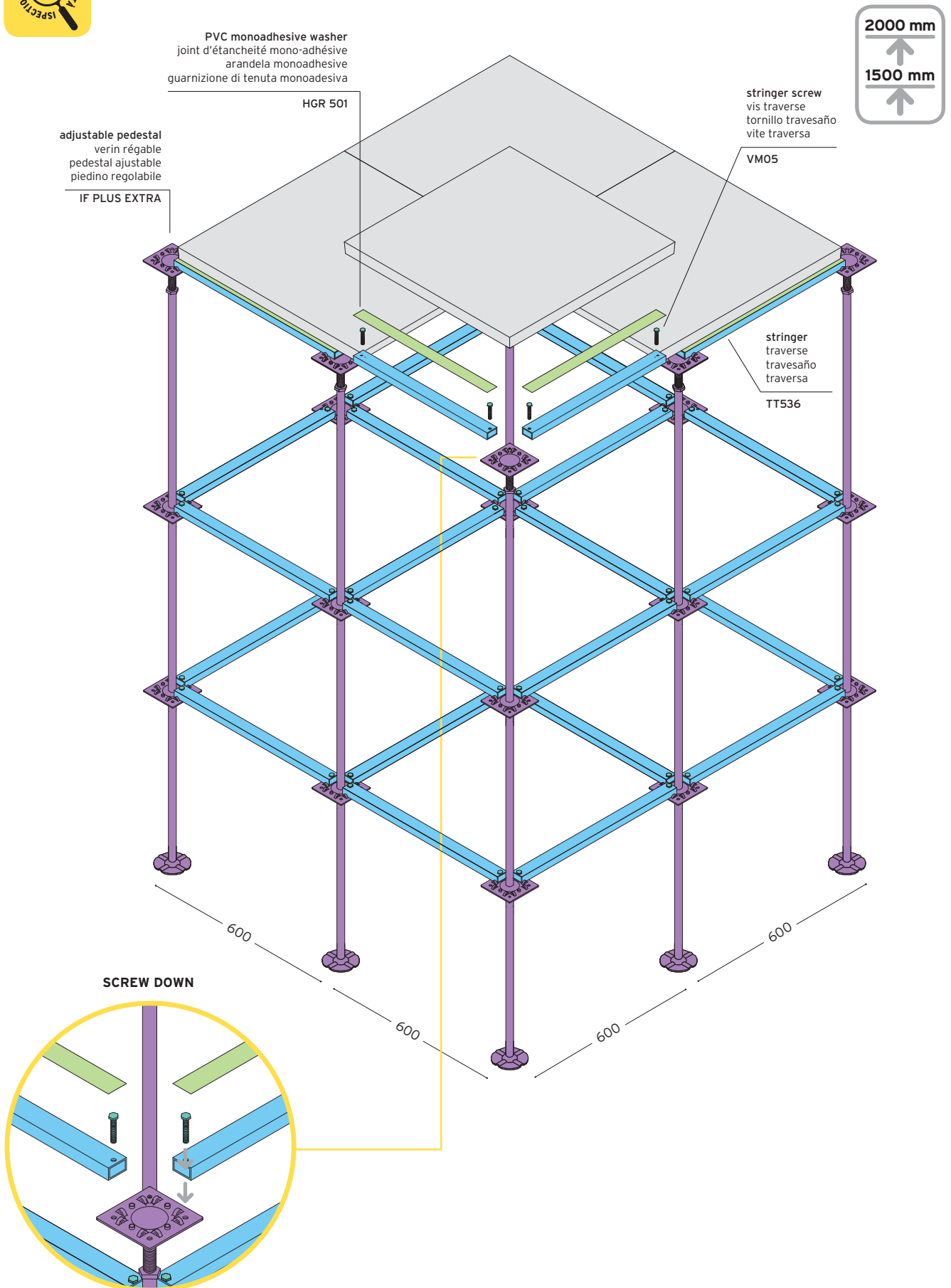
STRUCTURE _ STRUCTURE _ ESTRUCTURA _ STRUTTURA

	stringer _ traverse _ travesaño _ traversa di collegamento	system components _ éléments du système elementos de sistema - elementi del sistema
<p>TT536</p> <p>weight_peso 0,440 kg/pcs</p> <p>thickness _ spessore 1 mm</p> <p>open section stringer made with galvanised steel, Screw Down System with PVC washer. traverse à section ouverte en acier galvanisé, système Screw Down avec joint d'étanchéité. travesaño de conexión con sección abierta de acero galvanizado, sistema Screw Down con arandela. traversa di collegamento a sezione aperta in acciaio zincato mod. Screw Down con guarnizioni di tenuta.</p>	<p>IF PLUS</p> <p>pedestal _ verin pedestal _ piedino</p> <p>size _ dimensioni * incidence _ incidenza ø 90 mm 3,3 pcs/mq</p>	
<p>T536/A HEAVY</p> <p>weight_peso 0,386 kg/pcs</p> <p>thickness _ spessore 1 mm</p> <p>open section stringer made with galvanised steel, Clip-On System with PVC washer. traverse à section ouverte en acier galvanisé, système Clip-On avec joint d'étanchéité. travesaño de conexión con sección abierta de acero galvanizado, sistema Clip-On con arandela. traversa di collegamento a sezione aperta in acciaio zincato mod. Clip-On con guarnizioni di tenuta.</p>	<p>TT536</p> <p>stringer _ traverse travesaño _ traversa</p> <p>size _ dimensioni * incidence _ incidenza 30x20x1x560 mm 6,0 pcs/mq</p>	
<p>Technical dates / Aspects of performance value (UNI 13964 - 2005) Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)</p> <p>FIRE REACTION _ REAZIONE AL FUOCO (Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE</p> <p>MECHANICAL RESISTANCE _ RESISTENZA MECCANICA (Under structure) 548.80 N/m2 Normal break load/Carico normale di rottura (Under structure) 219.50 N/m2 Normal operating load/Carico normale di esercizio</p> <p>DURABILITY _ DURABILITÀ Protection against corrosion _ Protezione contro la corrosione: EN 10327</p>	<p>VM05</p> <p>stringer screw _ vis traverse tornillo travesaño _ vite traversa</p> <p>size _ dimensioni * incidence _ incidenza 6 mm 12 pcs/mq</p>	
	<p>HGR 501</p> <p>PVC mono adhesive washer joint d'étanchéité mono-adhésive arandela mono adhesive guarnizione di tenuta monoadesiva</p> <p>size _ dimensioni * incidence _ incidenza ø 90 mm 6,0 pcs/mq</p>	
	<p>T536/A</p> <p>stringer _ traverse travesaño _ traversa</p> <p>size _ dimensioni * incidence _ incidenza L 560 mm 6,0 pcs/mq</p>	

*incidence _ incidenza per: area 100 mq > cf. modularity _ modularità pages



FLOOR SYSTEM IF PLUS EXTRA



PEDESTAL _ VERIN _ PEDESTAL _ PIEDINO

		code	height	weight/pcs
<p>IF PLUS EXTRA</p> <p>adjustable pedestal IF PLUS EXTRA verin réglable IF PLUS EXTRA pedestal ajustable IF PLUS EXTRA pedino regolabile IF PLUS EXTRA</p> <p>thickness _ spessore 3 mm</p>		IF PLUS EXTRA 1500/2000	1500/2000 mm	3,00 Kg

STRUCTURE _ STRUCTURE _ ESTRUCTURA _ STRUTTURA

stringer _ traverse _ travesaño _ traversa di collegamento		system components _ éléments du système elementos de sistema - elementi del sistema		
<p>TT536</p> <p>open section stringer made with galvanised steel, Screw Down System with PVC washer. traverse à section ouverte en acier galvanisé, système Screw Down avec joint d'étanchéité. travesaño de conexión con sección abierta de acero galvanizado, sistema Screw Down con arandela. traversa di collegamento a sezione aperta in acciaio zincato mod. Screw Down con guarnizioni di tenuta.</p> <p>weight_peso thickness _ spessore 0,440 kg/pcs 1 mm</p>		<p>IF PLUS EXTRA</p> <p>pedestal _ verin pedestal _ piedino</p> <p>size _ dimensioni * incidence _ incidenza ø 90 mm 3,3 pcs/mq</p>		
		<p>TT536</p> <p>stringer _ traverse travesaño _ traversa</p> <p>size _ dimensioni * incidence _ incidenza 30x20x1x560 mm 6,0 pcs/mq</p>		
	<p>VM05</p> <p>stringer screw _ vis traverse tornillo travesaño _ vite traversa</p> <p>size _ dimensioni * incidence _ incidenza 6 mm 12 pcs/mq</p>			
	<p>HGR 501</p> <p>PVC mono adhesive washer joint d'étanchéité mono-adhésive arandela mono adhesiva guarnizione di tenuta monoadesiva</p> <p>size _ dimensioni * incidence _ incidenza ø 90 mm 6,0 pcs/mq</p>			

Technical dates / Aspects of performance value (UNI 13964 - 2005)
Dati tecnici / Aspetti pertinenti a valori prestazionali (UNI 13964 - 2005)

FIRE REACTION _ REAZIONE AL FUOCO
(Under structure) Class A1 DM 10/03/05 DEC. 2000/147/CE

MECHANICAL RESISTANCE _ RESISTENZA MECCANICA
(Under structure) 548.80 N/m2 Normal break load/Carico normale di rottura
(Under structure) 219.50 N/m2 Normal operating load/Carico normale di esercizio

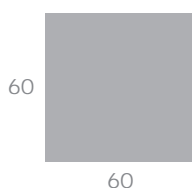
DURABILITY _ DURABILITÀ
Protection against corrosion _ Protezione contro la corrosione: EN 10327

*incidence _ incidenza per: area 100 mq > cf. modularity _ modularità pages

RAISED ACCESS FLOORS

modularity
modularité
modularidad
modularità

PANEL _ PANNEAU _ BALDOSA _ PANNELLO



The standard 60 x 60 cm format effectively optimises usage.

Le format standard 60 x 60 cm consent une optimisation d'emploi efficace.

El formato estándar 60x60 cm permite lograr un empleo eficazmente optimizado.

Il formato standard 60 x 60 cm consente una efficace ottimizzazione di impiego.

INCIDENCE _ INCIDENCE _ INCIDENCIA _ INCIDENZA

surface surface superficie superficie	panel panneau baldosa pannello	pedestal verin pedestal pedino	stringer traverse travesaño traversa
25 mq	3,3	4,0 pz/mq	7,2 pz/mq
50 mq	3,3	3,5 pz/mq	6,4 pz/mq
100 mq	3,3	3,3 pz/mq	6,2 pz/mq
200 mq	3,3	3,2 pz/mq	6,1 pz/mq
400 mq	3,3	3,2 pz/mq	5,9 pz/mq
1000 mq	3,3	2,8 pz/mq	5,6 pz/mq

The average incidence is theoretic. It changes according to the dimension and shape of the space.

The incidences specified are purely theoretical and vary according to floor dimensions and layout.

Las incidencias indicadas son solamente teóricas ya que varían según las dimensiones y la conformación de los locales.

Le Incidenze riportate sono teoriche in quanto variano in relazione alle dimensioni ed alla conformazione dei locali.

PACKAGING _ EMBALLAGE _ EMBALAJE _ IMBALLO

pedestal _ verin _ pedestal _ piedino

CBIF12	height		CBIF16	height		CR	height	
			CBIO1F16	26/35 mm	80	CR01F16	200/350 mm	30
			CBIO2F16	32/48 mm	80	CR02F16	350/550 mm	30
CBIO3F12	45/65 mm	75	CBIO3F16	45/65 mm	75	CR03F18	550/800 mm	15
CBIO4F12	61/90 mm	60	CBIO4F16	61/90 mm	60	CR04F20	800/1050 mm	15
CBIO5F12	83/130 mm	55	CBIO5F16	83/130 mm	55	CR05F20	1050/1300 mm	10
CBIO6F12	120/200 mm	50	CBIO6F16	120/200 mm	50			
CBIO7F12	170/290 mm	40	CBIO7F16	170/290 mm	40			
			CBIO8F16	250/390 mm	30			
			CBIO9F16	350/490 mm	20			
			CBIO10F16	450/650 mm	20			
			CBIO11F16	600/800 mm	18			

Pedestal for the IF / IF PLUS system are sold individually. _ Les vérins du système IF / IF PLUS sont vendus à la pièce.

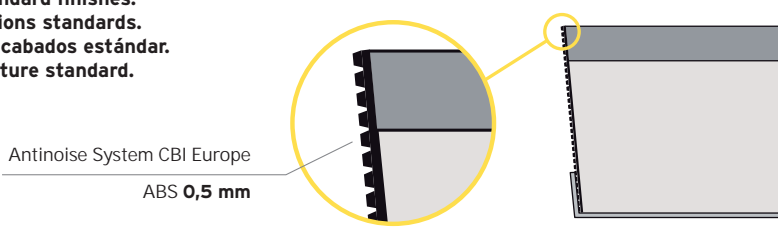
Los pedestal de apoyo del sistema IF / IF PLUS se venden por unidades. _ I piedini del sistema IF / IF PLUS sono venduti al pezzo.

RAISED ACCESS FLOORS

panel edge bord perimetral cantos bordatura pannello

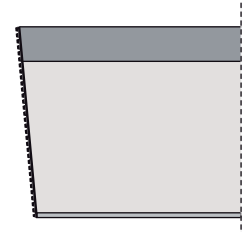
ANTINOISE SYSTEM EDGE ABS 0.5 MM

finishes: **wood, standard finishes.**
 finitions: **bois, finitions standards.**
 acabados: **madera, acabados estándar.**
 finiture: **legno, finiture standard.**



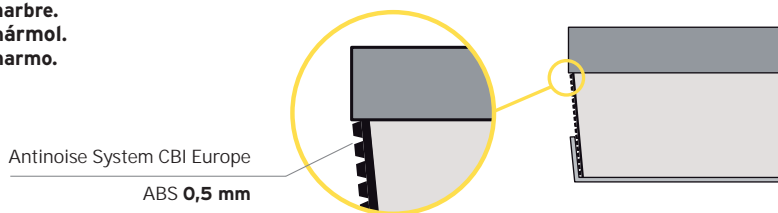
Antinoise System CBI Europe
ABS 0,5 mm

● beige ● grey ● black



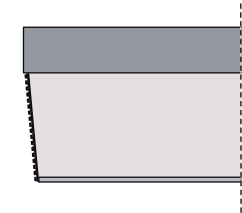
ANTINOISE SYSTEM EDGE ABS 0.5 MM

finishes: **marble, granite.**
 finitions: **granite, marbre.**
 acabados: **granito, mármol.**
 finiture: **granito, marmo.**



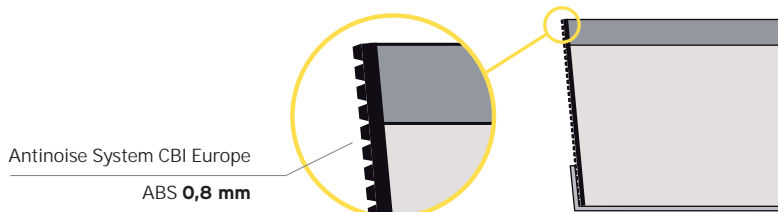
Antinoise System CBI Europe
ABS 0,5 mm

● beige ● grey ● black



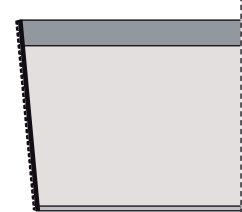
ANTINOISE SYSTEM EDGE ABS 0.8 MM

finishes: **ceramic tiles.**
 finitions: **grès.**
 acabados: **céramica.**
 finiture: **ceramica.**



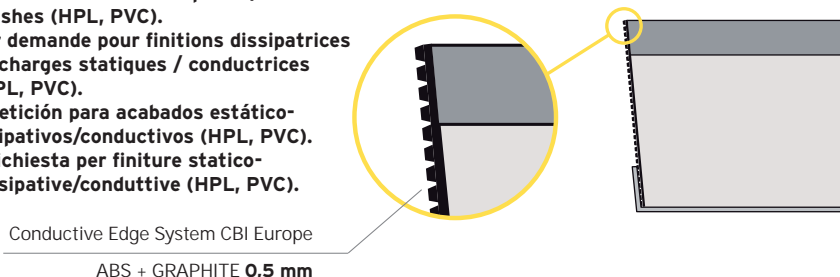
Antinoise System CBI Europe
ABS 0,8 mm

● beige ● grey ● black



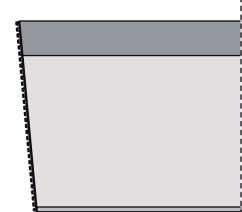
CONDUCTIVE EDGE SYSTEM ABS + GRAPHITE 0.5 MM

finishes: **optional for static-dissipative/conductive finishes (HPL, PVC).**
 finitions: **sur demande pour finitions dissipatrices de charges statiques / conductrices (HPL, PVC).**
 acabados: **a petición para acabados estático-dissipativos/conductivos (HPL, PVC).**
 finiture: **a richiesta per finiture statico-dissipative/conduitive (HPL, PVC).**



Conductive Edge System CBI Europe
ABS + GRAPHITE 0,5 mm

● beige ● grey ● black



FACTORY
FINISHED PANELS

BARE
PANELS

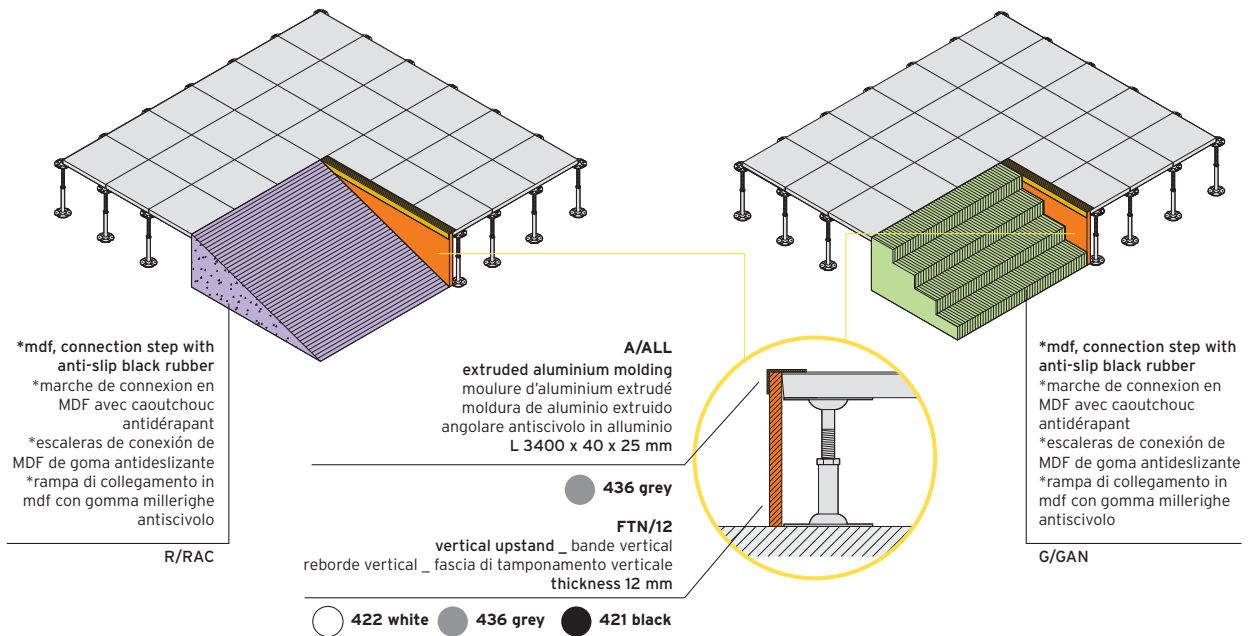
RADIANT
FLOORS

technical
specifications

RAISED ACCESS FLOORS

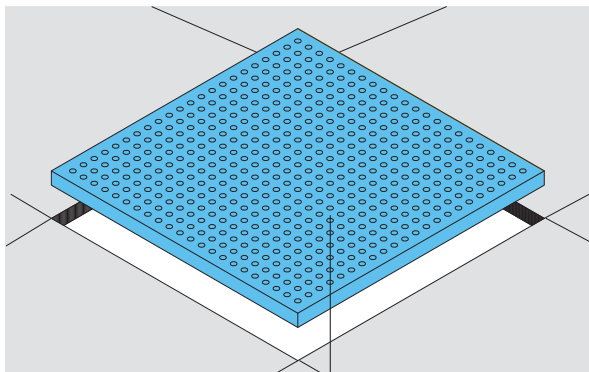
accessories _ accessoires _ accesorios _ accessori

RAMPES AND CONNECTION STEPS _ RAMPES ET MARCHES DE CONNEXION RAMPAS Y ESCALERAS DE CONEXIÓN _ RAMPE E GRADINI DI COLLEGAMENTO



*other ramp finishes available on request: HPL, PVC, linoleum _ *autres finitions rampe disponibles sur demande: HPL laminé, PVC vinyle, linoléum _ *otros acabados de rampa disponibles a petición: HPL laminado, PVC vinilo, linóleo _ *altre finiture rampa disponibili su richiesta: HPL laminato, PVC vinile, linoleum

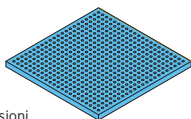
PERFORATED PANEL _ PANNEAU PERFORÉ BALDOSA PERFORADO _ PANNELLO FORATO



perforated panel for ventilation
panneau perforé pour ventilation
panel perforado para ventilación
pannello forato per areazione

AF1 - AF2

AF1
AF2



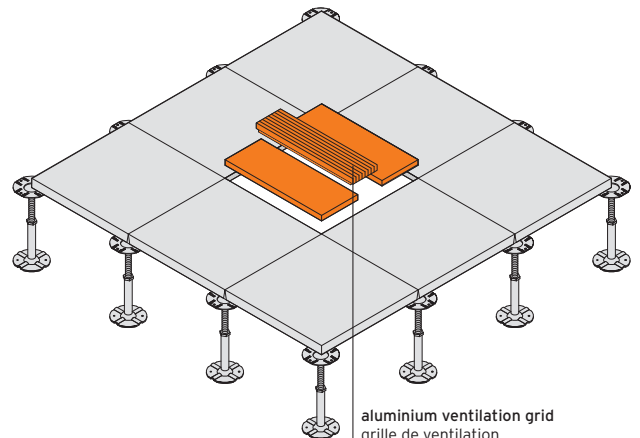
size _ dimensioni

600 x 600 mm

AF1 holes \varnothing 8 mm S=1.45 dm² -20% / holes \varnothing 10 mm S=2.26 dm² -15%
AF2 holes \varnothing 8 mm S=2.72 dm² -20% / holes \varnothing 10 mm S=4.27 dm² -15%

perforated panel for ventilation
panneau perforé pour ventilation
panel perforado para ventilación
pannello forato per areazione

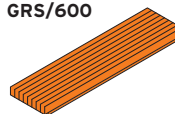
ALUMINIUM VENTILATION GRID _ GRILLE DE VENTILATION REJILLA DE VENTILACIÓN _ GRIGLIA DI VENTILAZIONE



aluminium ventilation grid
grille de ventilation
rejilla de ventilación
griglia di ventilazione

GRS/150 - GRS/300 - GRS/600

GRS/150
GRS/300
GRS/600



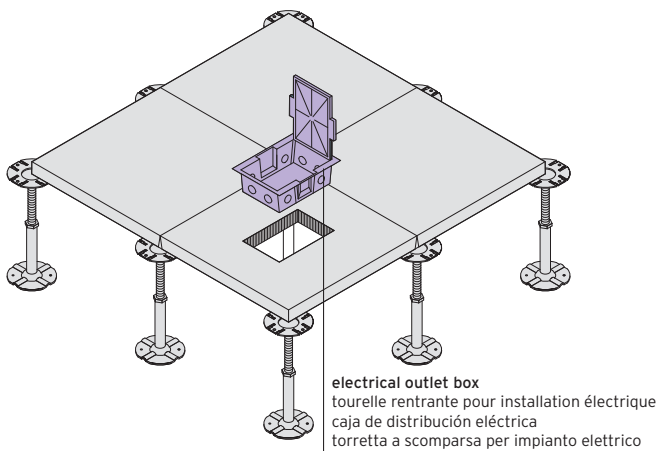
aluminium ventilation grid with dumper for air regulation _ grille de ventilation avec dumper de régulation de l'air _ rejilla de ventilación con volquete para regulación de aire _ griglia di ventilazione comprensiva di dispositivo taratura del flusso

size _ dimensioni

600 x 150/300/600 mm

RAISED ACCESS FLOORS

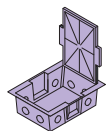
ELECTRICAL OUTLET BOX TOURELLE RENTRANTE CAJA TORRETTA A SCOMPARSA



electrical outlet box
toureille rentrante pour installation électrique
caja de distribución eléctrica
torretta a scomparsa per impianto elettrico

TS/8

TS/8



- *electrical outlet box, 8 partitions
- *toureille rentrante pour installation électrique, 8 modules
- *caja de distribución eléctrica, 8 módulos
- *torretta a scomparsa per impianto elettrico, 8 moduli

*available on request 16 modules version
*disponible sur demande dans la version 16 modules
*disponibile a pedido en la versión 16 módulos
*disponibile su richiesta versione 16 moduli

X105/30
X105/40



- *perimetral gasket for fixing
- *joint périphérique adhésive
- *junta perimetral adhesiva
- *guarnizione perimetrale adesiva

size _ dimensioni

X105/30 : 5x30 mm

length 28 ml/roll

X105/40 : 5x40 mm

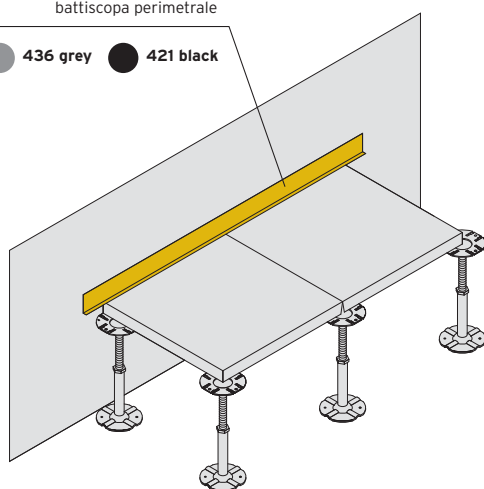
length 28 ml/roll

*one-component polyurethane based foam available on request instead of the perimetral seal
*en remplacement du joint d'étanchéité, il est prévu une mousse de polyuréthane mono
composante _ *en sustitución de la junta perimetral, está disponible a pedido espuma
de poliuretano de componente únic _ *in sostituzione della guarnizione perimetrale,
è disponibile su richiesta schiuma poliuretanic monocomponente

SKIRTING AND SELF-ADHESIVE ALUMINIUM _ PLINTE ET ADHÉSIF EN ALUMINIUM ZOCALO Y ADHESIVE DE ALUMINIO _ BATTISCOPA E ADESIVO IN ALLUMINIO

BT/PVC
perimeter skirting
plinthe périphérique
zocalo perimetral
battiscopa perimetrale

○ 422 white ● 436 grey ● 421 black



BT/PVC

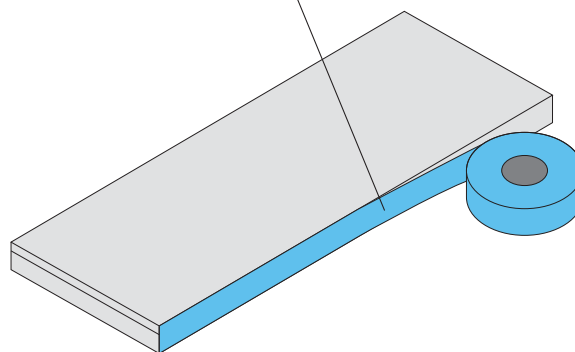
perimeter skirting
plinthe périphérique
zocalo perimetral
battiscopa perimetrale

size _ dimensioni

60/80 x 5 x 3000 mm

self-adhesive aluminium
adhésif en aluminium
adhesivo de aluminio
adesivo in alluminio

SA/ALL
SA/ALL.1



SA/ALL/30
SA/ALL/40

self-adhesive aluminium tape euro class A1
incombustible _ adhésif en aluminium euro
classe A1 incombustible _ adhesivo de aluminio
euro classe A1 incombustible _ adesivo in alluminio
euro classe A1 incombustibile

size _ dimensioni

SA/ALL/30 : 30 mm - length 50 ml/roll

SA/ALL/40 : 40 mm - length 50 ml/roll

FACTORY
FINISHED PANELS

BARE
PANELS

RADIANT
FLOORS

technical
specifications

RAISED ACCESS FLOORS

installation and maintenance pose et entretien instalación y mantenimiento installazione e manutenzione

CARE AND INSTALLATION

Premises where the floor is stored or installed must have a dry climate and completed window and floor frames; the temperature must be maintained between 5 and 35 °C and the humidity between 40% and 75%. The floor should be installed 60 days after the concrete casting and 30 days from completion of internal finishings. The foundation must be dry, smooth and clean; if a slab is used it is advisable to adopt a selflevelling floor foundation. It is advisable to treat the floor foundation with an anti-dust paint. The distribution of the equipment must observe the technical requirements of the floor. The floor has to be installed only after completion of internal equipment and finishing. Only the installer can walk on the floor during installation. As soon as installation is completed and before any other application is made, the floor has to be tested.

USE AND MAINTENANCE

When moving considerable loads over the floor, use trolleys and non-flexible panels between the floor and the wheels. When laying or removing the panels, use suitable tools. Do not damage or move the gasket of the pedestals and of the stringers. Removed panels must be mounted again in the original position. For any intervention remove the fewer panels than possible. Floor can be cleaned with a damp cloth; do not use water or cleaning agents directly and be careful when near an electric cable system. Do not wash plenum with water. Do not use alkaline detergents, soda, soaps, solvents, pumice, sandpaper, and any kind of abrasive. Before waxing the floor, make preliminary test on a limited floor surface. If the floor has particular electrical characteristics, use an electrical compatible wax.

STOCKAGE ET INSTALLATION

Les locaux dans lesquels devra être stocké ou installé le plancher surélevé doivent être secs et les huisseries devront être complétées; leur température devra être comprise entre 5 et 35 °C et l'humidité relative entre 40 et 75%. Avant d'installer le plancher, les ouvrages de maçonnerie devront être terminés depuis au moins 60 jours et les travaux de finition humide depuis au moins 30 jours. La sous-couche devra être sèche, lisse et propre; en présence d'une dalle coulée, il est conseillé de prévoir l'adoption d'une sous-couche autonivelante. Nous conseillons un traitement de vernissage anti-poussière de la sous-couche. La distribution des installations doit respecter la modularité du plancher surélevé et tenir compte de ses encombrements. Le montage du plancher surélevé devra être effectué seulement lorsque toutes les installations et les finitions internes auront été complétées. Personne, à l'exception des installateurs, ne devra marcher sur le plancher durant le montage. Le plancher surélevé devra être essayé et livré dès que l'installation aura été complétée et avant l'application d'éventuelles cires de protection et l'intervention des installateurs.

USAGE ET ENTRETIEN

Toujours utiliser des chariots pour déplacer des charges importantes sur le plancher, en intercalant des panneaux rigides entre les roues et le plan de piétement, afin de répartir les charges. Pour le retrait et la pose des panneaux, utiliser impérativement les outils de levage prévus à cet effet. Veiller de ne pas endommager ou déplacer les joints d'étanchéité des pieds et des traverses. S'ils sont endommagés, les remplacer. Les panneaux déposés doivent être remontés dans leur position d'origine. Si vous devez démonter plusieurs panneaux, évitez de former des « îles » ou des « canaux » en retirant seulement la quantité minimum nécessaire à l'intervention. Pour le nettoyage, ne pas utiliser d'eau ou de détergents liquides directement sur le plancher surélevé; utiliser des chiffons humidifiés et bien essorés et prêter une grande attention à proximité des systèmes de distribution électrique. Ne pas utiliser d'eau pour nettoyer le plénum. Ne pas utiliser de détergents alcalins, de la soude, des savons, des solvants, de la pierre ponce, du papier de verre ou des abrasifs divers. Si vous devez cirer le plancher, il est conseillé de faire d'abord un essai sur une portion limitée de celui-ci. Si vous devez cirer un plancher avec des caractéristiques électriques particulières, utiliser des cires électriquement compatibles.

ALMACENAMIENTO E INSTALACIÓN

Los locales donde se deberá almacenar o instalar el pavimento sobreelevado deberán estar secos y tener los cerramientos ya terminados; la temperatura deberá estar comprendida entre 5 y 35 °C, y la humedad relativa entre el 40 y el 75%. Antes de instalar el pavimento, las obras de albañilería deben haber sido termina-

das desde por lo menos 60 días y las obras de acabado en húmedo desde por lo menos 30 días. La superficie de colocación deberá estar seca, lisa y limpia. En caso de solera con colada se aconseja prever la adopción de una superficie de colocación autonivelante. Se aconseja efectuar un tratamiento de pintura antipolvo de la superficie de colocación. La distribución de las instalaciones deberá respetar la modularidad del pavimento sobreelevado y deberá tener en cuenta los espacios ocupados por el mismo. El montaje del pavimento sobreelevado se deberá efectuar solamente cuando se hayan completado todas las instalaciones y los acabados internos. Nadie, exceptuando los instaladores, deberá caminar sobre el pavimento durante el montaje del mismo. El pavimento sobreelevado se deberá probar y entregar en cuanto se termine la instalación, antes de aplicar eventuales ceras de protección y de la intervención de los instaladores.

USO Y MANTENIMIENTO

Utilizar siempre carretillas para desplazar grandes cargas por encima del pavimento, colocando entre las ruedas y el plano de tránsito paneles rígidos para repartir las cargas. La remoción y la colocación de los paneles se deben efectuar utilizando exclusivamente los medios específicos de levantamiento. Prestar atención para no dañar o desplazar las juntas estancas de los pies y de los travesaños. En caso de daño, hay que sustituirlos. Los paneles quitados se deben recolocar en su posición original. Si es necesario desmontar diferentes paneles, evitar la formación de "islas" o "canales", eliminando solamente la mínima cantidad necesaria para efectuar la intervención. Para la limpieza, no utilizar agua o detergentes líquidos directamente en el pavimento sobreelevado; utilizar paños humedecidos y bien escurridos, y prestar mucha atención en las cercanías de los sistemas de distribución eléctrica. No utilizar agua para la limpieza del plénum. No utilizar detergentes alcalinos, sosa, jabones, solventes, piedra pómez, papel abrasivo ni otros abrasivos. Si es necesario aplicar cera al pavimento, se aconseja efectuar una prueba preliminar en una porción limitada del mismo. Si es necesario aplicar cera a un pavimento que tenga características eléctricas específicas, utilizar ceras que sean compatibles eléctricamente.

CUSTODIA E INSTALLAZIONE

I locali in cui dovrà essere immagazzinato o installato il pavimento sopraelevato, dovranno essere asciutti e con serramenti completati; la temperatura dovrà essere compresa tra i 5 e i 35 °C e l'umidità relativa tra il 40 ed il 75%. Prima di installare il pavimento le opere murarie dovranno essere terminate da almeno 60 giorni e le opere di finitura a umido da almeno 30 giorni. Il sottofondo dovrà essere asciutto, liscio e pulito; in caso di soletta a getto è consigliabile prevedere l'adozione di un sottofondo autolivellante. È consigliabile un trattamento di verniciatura antipolvere del sottofondo. La distribuzione degli impianti dovrà rispettare la modularità del pavimento sopraelevato e dovrà tenere conto degli ingombri dello stesso. Il montaggio del pavimento sopraelevato dovrà essere effettuato solo quando saranno completati tutti gli impianti e le finiture interne. Nessuno, a eccezione degli installatori, dovrà camminare sopra il pavimento durante il montaggio. Il pavimento sopraelevato dovrà essere collaudato e consegnato non appena ultimata l'installazione, prima dell'applicazione di eventuali cere protettive e dell'intervento degli impiantisti.

USO E MANUTENZIONE

Utilizzare sempre carrelli per spostare carichi notevoli al di sopra del pavimento, interponendo tra le ruote ed il piano di calpestio dei pannelli rigidi al fine di ripartirne i carichi. La rimozione e la posa dei pannelli deve essere eseguita utilizzando tassativamente gli appositi attrezzi di sollevamento. Fare attenzione a non danneggiare o spostare le guarnizioni di tenuta dei piedini e delle traverse; in caso di danneggiamento provvedere alla sostituzione. I pannelli rimossi dovranno essere ricollocati nella posizione originaria. Dovendo smontare diversi pannelli, evitare la formazione di "isole" o "canali" togliendo solo la minima quantità necessaria all'intervento. Per la pulizia non usare acqua o detergenti liquidi direttamente sul pavimento sopraelevato; utilizzare panni inumiditi e ben strizzati e porre molta attenzione nelle vicinanze dei sistemi di distribuzione elettrica; non usare acqua per la pulizia del plenum. Non usare detersivi alcalini, soda, saponi, solventi, pomice, carta vetrata ed abrasivi vari. Dovendo cerare il pavimento, è consigliabile eseguire una prova preliminare su una porzione limitata dello stesso. Nel caso debba essere cerato un pavimento con particolari caratteristiche elettriche, utilizzare cere elettricamente compatibili.

CBI Europe

Over 30 years experience in 70 countries around the world.

Campus Palmas Altas,
the first building
in Europe to be awarded
the PLATINUM LEED
certification in 2009



Campus Palmas Altas, Seville_Spain

ANGOLA

Chicalamar Building, Luanda.
Kimpavita Offices, Luanda.

AZERBAIJAN

Offices Business Park, Baku.
Haydar aliyev airport, Baku.

BANGLADESH

Grameenphone, Head office.

BELARUS

**Byelorussian Steel Works (BMZ);
Mozyr oil refinery (MNPZ);
Gomeldrev; Jsc Gomelglass**, Gomel.
**Heat station n°5 National Bank of
Belarus**, Neman.
Rue Bmz, Zhlobin.
**Joint-Stock Company Grodno
Azot**, Grodno.
**Heat-Electric Generating, The
Mobile Telesystems Joint limited
liability Company**, Minsk.
Fe Velcom, Rue Beltelecom Minsk,
Mogilev and others cities of Belarus.

BELGIUM

A.G.C. Glas Company, Gosselies.
Les Portes du Lion, Waterloo.
Eco Power, Ham.
Gerechtsgebouw, Ghent.
BNP Paribas, Bastogne & Vaux.
Vanreyschoote, Sint Denijs Westrem.
Sanitary, Zottegem.
Notre maison, Louvain-La-Neuve.
Connectimmo, Namur.
ESA, Redu.
**ABN Amro Bank; Antwerp
Trainstation; Atlas Copco; MSC,
Station**, Antwerp.
Ikaros; Diabolo Machelen,
Zaventem.
**DP World Antwerp Gateway
European Space Agency**, Redu.
Electrawinds, Oostende.
Infrabel, Belgium.
Samsonite, Oudenaarde.
Siemens, Belgium.
Omnichem, Wetteren.
**Krones; L'Oreal; VRT; Waterfront
offices; Unizo, Cortenberg 107;
Elimo**, Brussels.
Court Of Justice; OTC;



Swan Office Park, Bucharest_Romania



Winner of the
RoGBC Green Building
Project of the year
award 2011

Karela Office Park,
the first building in
Greece to be awarded the
Gold Level of LEED
certification in 2013



Cosmote, head quarter, Karela Office Park, Paiania_Greece

CBI EUROPE

Unioncamere; ArcelorMittal, Ghent.
Telenet, Mechelen.

BULGARIA

Varna Airport, Varna.
Devnia cement new line, Italcementi Group, Devnia.
Info center, Municipality of Dalgopol, Dalgopol.
Office building of Grawe insurance company, Sofia.

CROATIA

Ict King Buzin, Zagreb.
Imobilia Tehno Iii & Iv, Otok.
M-San, residential and business center, Rugvica, Zagreb.
Immorend business center,
Instrumentarija business center, Zagreb.
Komunalac business center, Samobor.



Sipopo Congress Center, Malabo_Equatorial Guinea

CYPRUS

Tsys Offices At Annex; Trust Building, Koustais.
Demetra Ependitiki; Panicos Nicolaides Offices; Consulco Project; Rik; Crestpoly building; Cyta head offices; **Shiocolas Elmeni** offices; **Cycleair** offices and showroom; **H & D** offices and stores; **S.Mavrommatis building; Renaissance** offices; **National health services**, main offices;



Cosmote, head quarter, Athens_Greece



City Gate Mahon, Cork_Ireland.

Nicolaides building; Air Control Building headquarter; **Hadjihannas; Alpha Bank** head office; **Popular Bank** head office; **Hellenik Bank** head office; **Jcc Credit Card Clearance Centre; Rai Consultants** head office; **Stock Exchange Market; University Of Nicosia; Water Board Department; A.G. Papaellinas Offices land Registry Of Nicosia; General Health Plan; Cyprus Telecommunication Authority; Zefxi**, Nicosia.
Lofitis Business Center, Medstar.
Interorient, Limassol.
Larnaca Airport; Laiki popular bank; Sek offices; **Insurance Company Of Popular Bank; Popular Bank District Office; Agios Iazaros**, Larnaca.
Electricity Authority, Substations Platres and Nicosia.
Athinodorou Business Centre, Paphos.

EGYPT

Mercedes-Benz Showroom - IT Room, El Dokki District, Cairo, Marsa Matrouh, Hurghada.
A studio for (Radio FM 100.6), in Media Production City;
Administrative Premises for Egyptian Banks Company (EBC), the 5th District; **Egyptian General Intelligence**, various offices; **Milks Company** (Subsidiary of Juhayna Company) - IT Room, in 6th October City; **National Egyptian Bank**, Burj Al Arab Branch; **Arab Investment Bank**, Minya Governorate Branch; **Arab Investment Bank**, 5th District Branch; **Arab Investment Bank**, Al Abour District Branch; **Arab Investment Bank**, Al Arab Mall Branch, 6th October City; **Export Development Bank of Egypt**, Shobra District Branch, Cairo.
Aswan Sport Stadium, Aswan City.
Edf Electricité De France, Alexandria.

Ahly United Bank; Bloom Bank; Cairo Airport; Cib Bank, Barclays Bank head office, Cairo.
Nile Sat Extension Building, October City.

EQUATORIAL GUINEA

Sipopo Congress Center, Malabo.

ESTONIA

Army Communication Centre, Tallin.
Hansapank Server Building, Tallin.

GREECE

Cosmote, headquarter, Paiania.
Aspropyrgos, office building; **Dol Office Building; Glyfada Office Building; Opera House; Eurobank Head Quarter; Regency Casino Montparnes; S&B Industrial Minerals S.A.; Tennis Pavilion, Olympics 2004; Yamaha Building**, Athens.
Opera House; Technical School Of Kalamaria, Thessaloniki.
Cosmote Athens.

ICELAND

Isavia, Airport authorities, headquarters, Reykjavik.
Orkubú Vestfjarða, Powerstation, Westfjords West-Iceland.
Ossur, headquarters in Reykjavik, Iceland.
Mjólkursamsalan, Cooperative Milk company Reykjavik, Iceland.
Ríkisútvarpið, State television Reykjavik, Iceland.
Lýsi hf., Electric substation at headquarter Reykjavik.
Íshúsfélag Vestmannaeyja, Fish freeingplant Vestman island.
Gronland selvstyre, Municipal office in Greenland.
Reiknistofa bankanna, head office for the IT service, Reykjavik.
Íbúðalánasjóður, Housing Financing Fund office, Reykjavik.
Bp, Head office, Reykjavik.
IRAQ Çalik Holding A.Ş.



Sistema Edilizia Perugia, Perugia, Italy

IRELAND

Langan Quay Office Development, Belfast.
Shop On Liffey Street, Dublin.
City Gate Business Center Mahon, County Cork.
City Square, Student Accomodation, Waterford.

ITALY

Sistema Edilizia Perugia; Todi Hospital; Scai Perugia.
Nuovo Auditorium, Camposanpiero.
Istituto Patriarcale del Vaticano, Venezia.
Energy Resources, Jesi.
Ferrero SpA Office Building, Alba.
Infissi Design, Treia.
Elerico Home, Recanati.
Liomatic, Rieti.
Colonna Park Hotel, Porto Cervo.
Nuova stazione Tiburtina, Roma.
Studio Brunetti e Catanossi, Perugia.
Hotel Le Grotte, Genga.
Pineta Hotel, Monsano.
Villa Rugani, Siena.
CPF Costruzioni SPA, Firenze.
Ufficio Anagrafe, Livorno.
Marcelloni, Terni.
Ferrero SpA, Alba.
Cepu; Villaggio Olimpico Sestriere, Torino.
Serrature Meroni, Lentate sul Seveso.
Bosch Italia; Siderurgica Latina Martin Spa; Gesa Vending, Milano.
Glem Gas, Modena.
Associazione Industriali, Reggio Emilia.
Customs offices port, La Spezia.
Security Offices, La Spezia.
Findomestic, Firenze.
Novartis SpA, Siena.
Sandy caffè, Arezzo.
Anagrafe, Pistoia.
Interporto, Chieti.
Lavazza SpA, Torino.
Enel SpA, Jesi.
Bacchiocchi, Castelfidardo.
Banca popolare di Vicenza, Roma.
Banca d'Italia, Terni.

Assilichi Spa, Firenze.
Chambre of Commerce, Lucca.
Office Development, Pisa.
Piaggio, Pontedera.
SIGE Spa, Ancona.
Fellowes Leonardi Spa, Camerano.
Elica Spa, Fabriano.
Ferro Adriatica Spa; SMA Rinascente Group, Osimo.
Agroalimentare F.lli Monaldi Spa, Ascoli Piceno.
F.lli Simonetti Spa, Civitanova.
Cartechini Argenterie, Corridonia.
Sapore di Mare Spa, Macerata.
Bieffe Printing, Recanati (MC).
Cort House Office, Tolentino.
Di.Ba, Pesaro.
Cepu, Città di Castello.
Hospital of Andria, Popular Bank, Bari.
University of Bari, University of Foggia, Somacis Group, Manfredonia.
Antonio Capaldo, Avellino.
Oleificio Rocchi, Lucca.
Commercial Centre Mandi; Hospital Rummo, Benevento.
Enel Offices, Caserta.
Alenia Spa Offices; Capodichino Airport; Commercial Centre CIS; Corallo Oromare Project; Head office of Central Mail; Il Tari Project; Intesa Bank;

Napoletanagas Spa; Naples Port; Sanpaolo IMI Bank; Alenia Spa; Regione Campania; Court of Justice, Napoli.
Telecom SpA, Palermo.
University of Fisciano, Salerno.
Hospital of Matera, Call Centre, Enna.
Life Guard Catania.
Papardo Hospital, Messina.
Piaggio SpA, Pontedera.
Teatro Camposampiero, Padova.
Nato Base, Sigonella.
Court of Justice, Siracusa.

JORDAN

Telecom, Shaban.
New style design; Crowne Plaza Dead Sea; Arab Islamic Bank; Jordanian-Syrian border-Jabber; Army Financial dept; Housing Bank; Communication board, Amman.
Mafraq Military Hospital, Al Mafraq.
Housing Bank, Salt Gate & Aqaba Br.

KAZAKHISTAN

Metropolitan, Almaty.
Broadcast relay station, Semey.
Kazteleradio telecentre, Ridder.
KazMunayGas, Reception Hall, Astana.

KUWAIT

Kuwait National Petroleum Company, Al Ahmadi.
The Training Vocational Institute for Girls, Al-Jahra.
Kuwait National Guard project; Kuwait Institute of judicial & Legal Studies project; Wataniya HQ project; KIPCO Tower project; KOC Fire Station project; Ministry of Health project; PAAET project; Arabization Medical Center project; KISR Admin building; KOTC Building; Ministry of Public Works project; Kuwait National Guard headquarter, Safat.
Khlijia Tower Gulf Consult; New Japanese Embassy Project, Mushrief, Kuwait.
Middle East Digital Communication, Chamber Of Commerce, Sabhan.



The Kuwait National Guard, head quarter Safat, Kuwait

CBI EUROPE



University of Malta, Msida_Malta.

Symphony Complex Project, Salmiya.
Mubarakiya Tower, Sharq.
Kuwait Airport, Airport lounge.
Kuwait University Khlijia Tower Gulf Consult.
Koc, Kuwait Oil Co.
Artaal Office Project, Al Bahar Tower.
Dhow Tower, Sharq.

LATVIA

Riga Forest School, Riga.
International Airport, Riga.

LEBANON

Future TV, Beirut.

LITHUANIA

Shopping center Molas; Business Centre 349, Kaunas.
The Museum Of Genocide Victims, Vilnius.

MALTA

Malta Information Technology Agency (MITA), St Venera.
Wurth New Premises, Zebbug.
Vodafone Offices Luqa.
Aps Bank, Swatar.
Melita Cable Plc, Madliena.



Central Bank, Abuja_Nigeria

The Point Tigne, Tigne.
University Of Malta, ICT Faculty Building, Msida.
Go Plc, Marsa.
Connection Café, Malta International Airport.
Malta Air Traffic Control (MATS), Luqa.

MEXICO

Upper Spa, Mexico.

MOROCCO

ONE, Rabat.
OCP, Safi/Youssoufia.
Amendis, Tétouan.
Sevam, Casablanca.
Jeesr Industrie (Novatis), Berrechid.
Marine Royale de Casa, Rabat.
Direction des statistiques, Rabat.

NEW ZEALAND

Christchurch Hospital, Christchurch.
Alpha Pharmaceuticals, East Tamaki.
Cameron Road, Tauranga.
Furniture City; City Fitness Hamilton; MOE, Hamilton.
City Motor Group; Gilmore Brown, Whangarei.
Half Moon Bay; Kingsway College; Pakuranga Library; Birkenhead Library; Botany Clinic; Albany Office Park; St Margaret's College; Unitec; Extreme, Auckland.

NIGERIA

CBN Central Bank of Nigeria, head quarter, Abuja.
Central Bank of Nigeria, Minna, Dutse, Makurdi, Jos.
Minting & Printing Head Office, Abuja.

PORTUGAL

Miranda Law Firm, Lisbon.
Casa da Calçada Hotel, Amarante.
PNB Building, Braga.
Royal Óbidos Spa & Golf Resort, Óbidos.
Casfil Headquarters, Santo Tirso.
Trielle Offices, Aveiro.
Enviroil Offices, Chamusca.
Tecmaia - Science and Technology Park, Maia.
Project Raega - Atlantic Network of Geodynamical and Space Stations, Santa Maria, Azores.
Novo Banco - Agencys, Tondela, Fundão, Guarda, Coimbra, Porto Santo, Sines, Funchal, Barreiro, Santarém.
Fidelidade Insurance - Agency, Lisboa.
Gaia City Hall - Data Center, Gaia.
Borgwarner Production Plant, Viana do Castelo.
Edp Ribeiraradio - Ermida Dam, Sever do Vouga.
Ctt Post Office, Coimbra.
Epimetheus Offices - AVIZ Building; Porto Business School; National Union of Bank Employees; Sá Carneiro Airport, Oporto.

Portucel - Data Center, Figueira da Foz.
Nato Operational Command - Data Center, Oeiras.

QATAR

Al Samerya Tower; Le Mirage Hotel; Beach House; Urbacon Co. Head Office; MOI Criminal Department @ Al Duhail Police Complex; QP Main Serve Room - Abu Aboud Area; Living In Car ShowRoom - Server Rooms @ Industrial Area; Ooredoo Office Bulid, 14 Sever & Qtel Rooms @ airport Road; Guard House at Qatar University; Gulf east trading & contracting Co. Villa Office - West bay Area; IT Floor - Al Faisal Tower; IT Serve Room on Main Gates - Qatar University; IT Serve Room lekhwia stadium; IT Serve Room - Qatar University; IT Serve Room Qatar General Insurance (3 Branches); World Trade Center Tower (QP Tower), Gulf Mall Build Doha. Club House Al Wajba, Dokhan Area. QGIRCO Branches at Murra & Al Khore area Project, Al Khour.

ROMANIA

Interio; Eurobank; HP Hewlett Packard; Kandia Chocolate Factory; Piata Vitan; Dagesh Group Constructi; General Construct; Swan Office Park; Cascade Park, Bucharest.

RUSSIA

Airport Kurumoch, Kazan'.
Mission Control Center, Korolev city.
Lesoparkovaya metro station; Park Pobedi metro station; Zhulebino metro station; Yandex Office; Silver City Project; Panasonic; Rosnano Office; Yandex Office, Moscow.

SAMOA

Bank of Samoa H/O, Apia.

SAUDI ARABIA

Faculty of science college; Support academic area - Imam University; National guard Riyadh; Mobily offices Riyadh; Arqaam; 3M Offices Riyadh; Nat; Phizer Riyadh; Souq.com; Riyadh bank; Deanary Building - Imam University; ANB bank, Riyadh - Ksa. Transportation building - Qassim University; Dental college Qassim University, Qassim Bureda - Ksa. NT3 Naval base, Jeddah - Ksa. Girls college Al Khabji; Girls college Nariyah - Dammam University, Dammam - Ksa. Qassim University, Riyadh. Pfizer Offices, Jeddah.

SERBIA

Municipality of Rakovica, Belgrade.
FIAT, Kragujevac.



Gerechtsgebouw, Ghent_Belgium

SLOVAKIA
Offices Bulding, Kosice.

SLOVENIA
Eda center, Nova Gorica.

SPAIN
Institut de Enseñanza les Reus, Tarragona. International Airport, Valencia.
New line 9 metro; Ilacuna New Business Park; Design Center Library; Vopi, Barcellona.
Girona University, Girona.
Campus Palmas Altas; Tecnology Park Palmas Altas, Sevilla.
Alei Center Office Complex, Malaga.
Maillorca Hospital, Maillorca.
Banco Mare Nostrum (Bmn) - Caixa Penedes, Corporate headquarters Expansion, Vilafranca.

SWITZERLAND
Rolex Offices; Trafigura; CFF Chemin de fer Fédéraux; Alpha Business Centre, Geneve.
Nespresso, Romont.

TUNISIA
Tunis Carthage International Airport; Tunisiana; Orange; Tunisie Telecom; Siemens; STEG; Ekon, Carthage, Tunisi.
Tav, aéroport Hammamet Enfidha, aéroport de Monastir.
Carrefour; Henkel, Total, Tunisi.

TURKEY
Çalık Holding A.Ş. - Irak Power Plant; Vodafone Tuzla Mtx Building, Tekfen, Levent Office Building. Tfbk Bank, Tophane Center Management Building; Yıldız Teknik Üniversitesi Davutpaşa Teknopark; Bosch Termoteknik Genel Müdürlüğü; Opet Genel Müdürlüğü; Helis Metro Yapı; UTS Makine Kalp

Yönetim Binası; Doğuş Teknoloji; Kristal Kule; Tekstilbank Genel Müdürlüğü; Anadolu Sigorta Genel Müdürlüğü; Çalık Holding Iraq; Borsa İstanbul Data Center; Metro Gross market; Vodafone; T.B.M.M.; Peugeot Genel Müdürlüğü; Herball Life; Vodafone Esenyurt; Garanti Bankası, Head office; Eczacıbaşı, Head office, Tnt headquarter; Hurriyet Media, Maslak; Haci Omer Sabanci Holding; Ibm; Eczacıbaşı; Yıldız Tekno Park, Asja Bank; Avea Telecom; Garanti Koza; Koza Plaza; Kutuk Mermer; Renault, Bursa Headquarters; Simeks, Garanti Koza; Nt Headquarter, Isbank office tower, Turkish Groud Forces, Yapı Kredi Plaza, Doğuş İnşaat Istanbul.
Turkcell - Data Center, Beyoğlu.
Akbank Departments, (All over Türkiye).
Tskb Bank head quarters, Istanbul, Tophane.
Bepaş (İstikbal & Bellona).
Akfirat Holding Building.
Garanti Bank, Branch Over Turkey.



Silver City_Moscow_Russia



Abu Dhabi Company for Onshore Oil Operations (ADCO) Head Quarter_Abu Dhabi_UAE



University of Malta, ICT Faculty Building_Msida_Malta



Abu Dhabi National Chemicals Company (ChemaWEyaat)_Abu Dhabi_UAE

CBI EUROPE



National Chemicals Co Chemawajaat Offices,
Abu Dhabi_UAE



ADCO Offices Company for Onshore Oil Operations,
Abu Dhabi_UAE



Texas Childrens Hospital, Houston_USA



Memorial Hermann Medical Plaza, Houston_USA

TURKEY

Tnt Management Building, Ümraniye.
Sıkar Holding Building, Bayrampaşa.
Eczacıbaşı, Levent Istanbul.
Tfkb Bank, Kartal General Management.
Yk Bank, Yapi Kredi Plaza/Banking Base,
Tübitak Uekae, Clariant, Gebze.
Yıldız Teknopark, Davutpaşa Campus;
Vodafone, TuzlaMtx Building.
Yeşilköy Airport, Tekyapi.
Vodafone, Esenyurt.
Mtx Building Ergo, Ümraniye.
Hp, Ümraniye.
Bosch, Çerkezköy.
Diem, Bsh – Kartal.
Anel, Ümraniye.
Tekstil Bank Küçükyali.
Aktürk, Zorlu Project, Levent.
Tekfen, Kağıthane Building.
Yeni Teknik Yapı, Bosch General Management Building.
Kare It Systems, Avea-Güneşli.
Doğan Engineering, Elaziğ Airport.
Gürsel Transport, Kartal Management Building.
Çalık Holding A.Ş., Irak Power Plant.
University Of Economy, Izmir.
Tekfen Istanbul/Levent.
Mercedes Benz, Bahcesehir, Istanbul/Aksaray/Hoşdere Management Building.
Zorlu Center, Levent /Istanbul.
Çalık Holding A.Ş., Irak Power Plant.
Bosch head office; **Eczacıbaşı,** head office; **Garanti Bankası,** head office; **Mercedes Benz,** head office; **Kredi Kartlar Birliği,** head office; **Yapı Kredi Bankası,** Atatürk Airport Gebze, **Institute of Technology Turkcell,** Data Center.

UAE

Ruler's Court; Emitac Mobile Solutions LLC; International City; Gate Village; Mercantile Exchange; Philip Morris, Dubai.
National Chemicals Co Chemawajaat Offices; Company for Onshore Oil Operations; ADCO Offices, Abu Dhabi.

UNITED STATES

Memorial Hermann Hospital; Langham Creek YMCA; Federal Reserve Bank; Jacobs Engineering; Rice University Autry Courts; Ten West Corporate Center; Texas Children's Hospital West Campus; Memorial Hermann Medical Plaza; Houston Pavilions; Eldridge Green Office Building; Houston Baptist University; Weekley YMCA; Lake Houston YMCA, Houston.

YEMEN

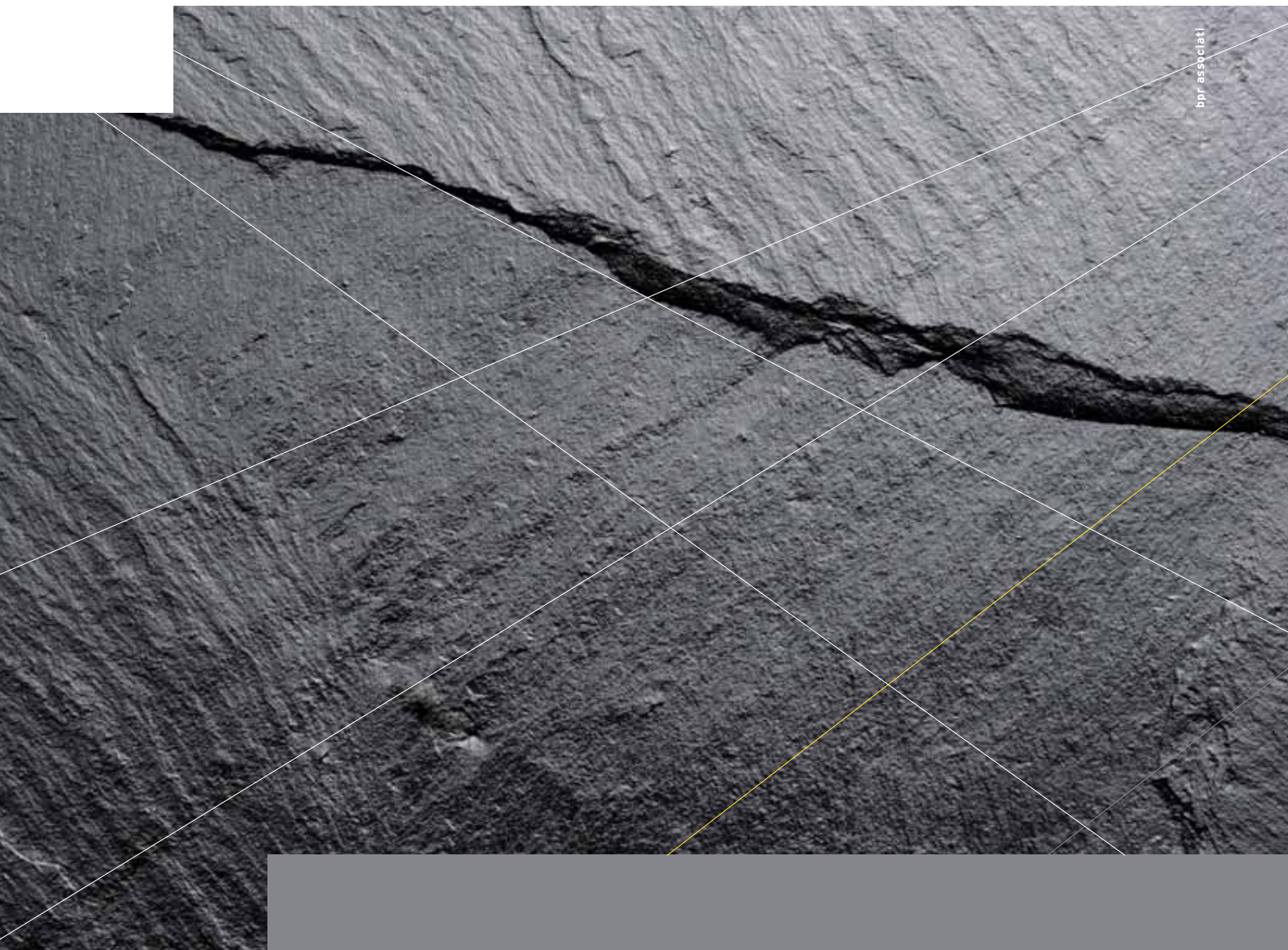
Public Telecommunication Corporation, Sanaa.

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dpr associati



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