FEINGELOCHT PINHOLE

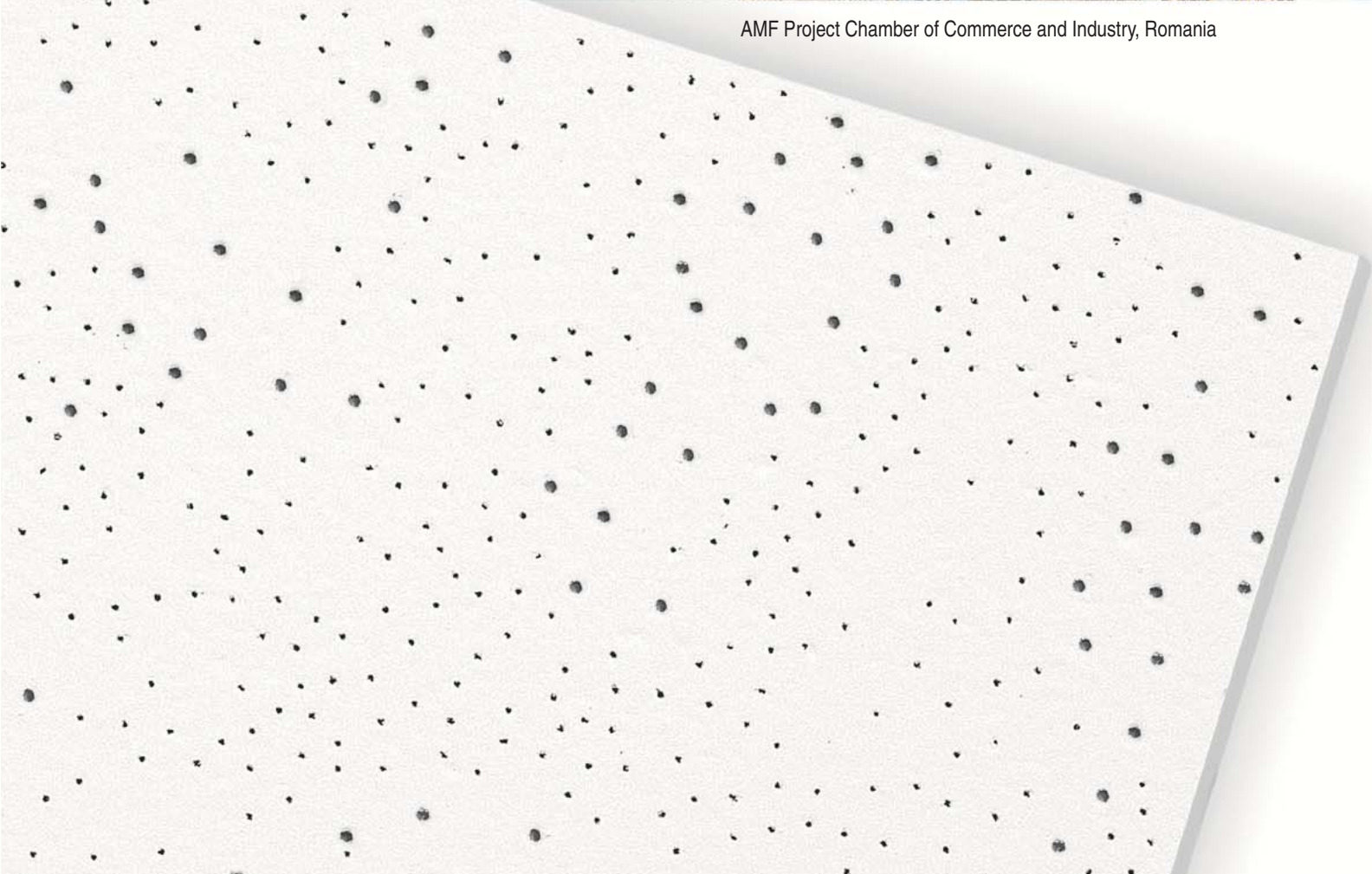## ... MAKING A POINT
FOR DESIGN CHOICES

AMF-THERMATEX FEINGELOCHT / PINHOLE is a modern plain tile with random perforations giving a classic contemporary look with exceptional acoustic performance.

AMF Project Chamber of Commerce and Industry, Romania

SURFACE DESIGN

FEINGELOCHT
P I N H O L E

AVAILABLE AS

THERMATEX

Ceiling tiles made from new generation bio-soluble mineral wool, clay and starch with excellent fire resistance and acoustic performance.

SUSPENSION SYSTEM

SYSTEM A
CONCEALED SYSTEM
Grid concealed,
panels non-removable GN
panels removable AW / GN

SYSTEM C
EXPOSED SYSTEM
For 15 or 24 mm wide sections,
Demountable ceiling

SYSTEM F
FREE SPAN SYSTEM
Clear span plank system, with
exposed or concealed suspension

SYSTEM I
BANDRASTER SYSTEM
With parallel sections 50–150 mm
wide and concealed cross sections

SYSTEM F30 uno
FIRE PREVENTION SYSTEM
an independent ceiling giving
fire protection from above and
below

SYSTEM F30 mono
FIRE PREVENTION SYSTEM
an independent ceiling giving
fire protection from above and
below

SYSTEM F30 dual
FIRE PREVENTION SYSTEM
an independent ceiling giving
fire protection from above and
below

SYSTEM F90 dual
FIRE PREVENTION SYSTEM
an independent ceiling giving
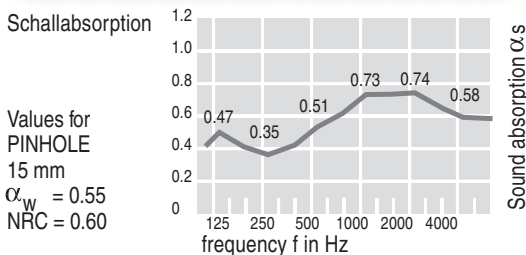fire protection from above and
below

ISO 9001 / ISO 14001 AMF
AMF-Mineralplatten GmbH
Betriebs KG, is certified in
accordance with Quality
Assurance Standard to
ISO 9001 and ISO 14001

RAL
The RAL Seal of Approval gives
assurance that mineral panels are
regularly checked for quality,
safety and fire protection

TECHNICAL PERFORMANCE

FIRE
Class 1 Surface Spread of Flame to BS 476:
Part 7: 1987. Class 0 as defined by Building
Regulations, 1987. Class B1 as per DIN 4102,
part 1, Class A2/B1 as per DIN 4102, part 1.

THERMAL
Thermal conductivity
$\lambda = 0.052 - 0.057$ W/mK

LIGHT REFLECTANCE
Up to 90%

SOUND ABSORPTION
Sound absorption as per
BS EN 20354: 1993.

SOUND ATTENUATION
Sound attenuation as per
BS EN 20140-9: 1994.
$D_{n,c,w} = 34$ dB (thickness 15 mm)

HUMIDITY
Humidity resistant panels
up to 95% RH

Schallabsorption

Values for
PINHOLE
15 mm
$\alpha_w = 0.55$
NRC = 0.60

Sound absorption α_s

Graph values: 0.47, 0.35, 0.51, 0.73, 0.74, 0.58
frequency f in Hz: 125, 250, 500, 1000, 2000, 4000

SPECIAL PROPERTIES

FIRE
Fire protection up to 1 hour in
accordance with BS 476:
Parts 20-23; 1987. Fire resistance
F30-F120 to DIN 4102, Part 2.

HYGIENE
HYGENA - bactericidal
and fungistatic coated
panels

DIMENSIONS, PANEL THICKNESS

Standard Sizes: 600 x 600 mm / 625 x 625 mm / 600 x 1200 mm / 625 x 1250 mm
Panel sizes: 300 x 1200 mm – 2500 mm / 312.5 x 1250 mm – 2500 mm
400 x 1200 mm – 2500 mm, other sizes to order
Thickness / Weight: 15 mm (c. 4.5 kg/m^2) / 19 mm (c. 5.7 kg/m^2) / 40 mm (c. 12 kg/m^2)
Colour: White similar to RAL 9010, other colours available to order

All specifications are subject to change without notice.
Ceiling installation must be as described in the relevant test reports and assessments.