

# STAR

## ... A LEADING LIGHT IN THE CEILING UNIVERSE

AMF-THERMATEX STAR is a high density mineral ceiling tile with a smooth white surface and micro-perforations. A bright elegant appearance is combined with high light reflectance and good acoustic absorption.



AMF Project one-2-one, Großbritannien





## SURFACE DESIGN

## AVAILABLE AS

## SUSPENSION SYSTEM



# STAR

## THERMATEX

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



**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



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



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  
 $\lambda = 0.052 - 0.057 \text{ W/mK}$



**LIGHT REFLECTANCE** Up to 90%



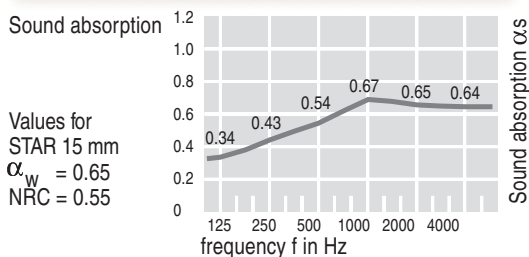
**SOUND ABSORPTION** Sound absorption as per BS EN 20354: 1993.



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



**HUMIDITY** Humidity resistant panels up to 95% RH



## SPECIAL PROPERTIES



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<sup>2</sup>) / 19 mm (c. 5.7 kg/m<sup>2</sup>) / 40 mm (c. 12 kg/m<sup>2</sup>)

**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.