PERFORMANCE CEILINGS

More scope for innovation

Product Selector

MADE IN GERMANY

Knauf AMF

The effective and innovative ceilings specialist

For over 50 years, Knauf AMF has been a leading suspended ceiling systems manufacturer in Europe by developing and producing innovative ceiling systems to meet worldwide demand. Together with the strong brands AMF THERMATEX®, AMF VENTATEC® and HERADESIGN®, Knauf AMF combines years of expertise in ceiling and wall solutions.

Top Service, proven quality

At Knauf AMF you are not just buying a product, you get genuine ceiling solutions. You benefit at the same time from our service: Our professionals are at your side when planning complex, technical projects, provide you with detailed technical drawings, oversee challenging installation work and offer you intensive training and high quality workshops for architects, contractors and distributors both at home and abroad.

Knauf AMF ceiling systems are high quality products manufactured in accordance with highest international standards. They are produced from low-emission materials, are easy to install thanks to their superior technical features, are durable and stable and are delivered with a consistently high quality. You can benefit from innovative designs, detail planning and product safety and can rely upon Knauf AMF as your ceilings specialist.

THERMATEX® – highest quality, diversity in design and application

For decades, the internationally renowned brand THERMATEX® from Knauf AMF stands for highest quality and maximum safety. THERMATEX® ceiling tiles are available in many different surface designs, edge configurations and technical performance properties.
The possibilities are almost endless!

Environment

Recovering “old” mineral tiles to produce “new” mineral tiles is a possible option of recycling. We are continually searching with our clients for environmentally friendly possibilities for reusing products or using the materials in other products.

Raw materials: naturally mineral

THERMATEX® ceiling tiles comprise of mineral wool, perlite, clay and starch and are, therefore, based on natural raw materials. Hence, THERMATEX® ceiling tiles are bio-degradable.

THERMATEX® by AMF
For the highest quality products

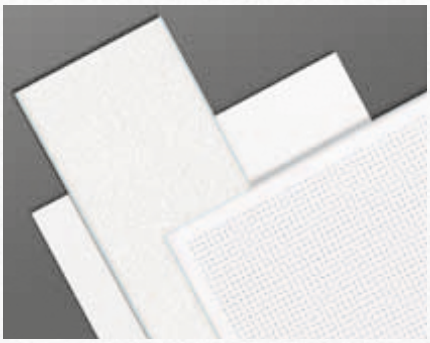
The internationally renowned brand for decades THERMATEX® by Knauf AMF stands for highest quality and maximum safety. THERMATEX® ceiling tiles are manufactured by using a wet method (Wet-Felt) and are made of mineral wool, perlite, clay and starch all based on natural raw materials. Regular monitoring of the RAL Quality Assurance Association ensures the consistently high quality of the AMF mineral wool and their bio-solubility. World's most modern plant for mineral ceiling tiles - quality standards.

Perfectly processed

THERMATEX® ceiling tiles are characterized by
- A wide range of products
- Dimensional stability
- Easy processing
- High light reflectance

Variety in design, variety in use

Advantages of a THERMATEX® mineral ceiling tile:
- Excellent sound attenuation performance
- Plus points in the sound attenuation
- No Filter effect- for a longer term clean ceiling
- Design variety

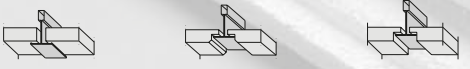


Which AMF solution for which requirement?

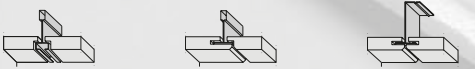
Knauf AMF ceilings combine different requirements in one solution. Every product in this catalogue is iconed accordingly.

- Sound absorption
- Fire protection
- Hygiene
- Design
- Humidity
- Washability / Wipeability
- Sound attenuation
- Light reflectance
- Thermal conductivity
- Clean room
- No filter effect

Edge details

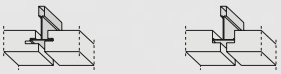


SK | VT 15/24 | VT-S 15/24



VT-S15F | AW | GN

Only for THERMATEX® SF Acoustic:



SF (engaging edge) | SF (non-engaging edge)

Edge hardening

By using a special coating method, THERMATEX® ceiling tiles with recessed edges (VT) are hardened as standard and with square edges (SK) on request.

This process increases the durability against impacts and gives a finer, homogenous edge detail. This produces a significantly better visual appearance of the entire ceiling.

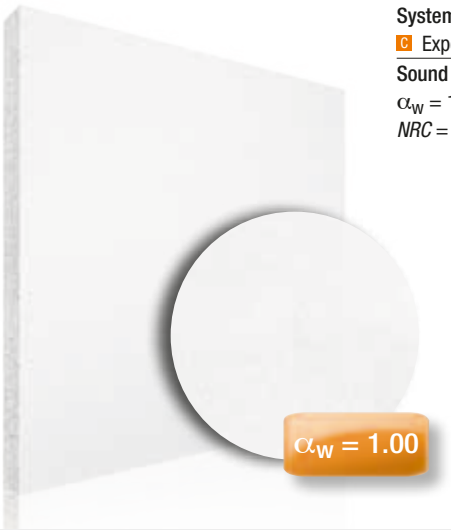
Questions?

Our technical information service AMF Direct

Tel.: +49 (0) 85 52 / 422 74
Tel.: +49 (0) 85 52 / 422 977

is the easiest and simplest way for you to obtain further information.

THERMATEX® Alpha ONE



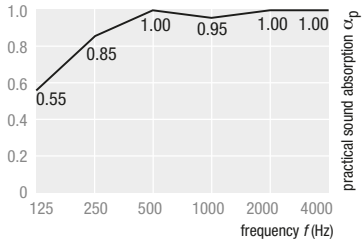
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 1.00 as per EN ISO 11654

NRC = 1.00 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 29 dB as per EN ISO 10848 (24 mm thickness, as per test certificate)
Edge details	SK, VT-S 15/24, VT-S15F
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.040 W/mK as per EN 12667
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	24 mm / approx. 4.0 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 4 as per ISO 14644-1

THERMATEX® Alpha

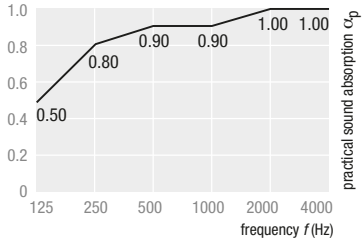
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.95 as per EN ISO 11654

NRC = 0.90 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 28 dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Edge details	SK, VT-S 15/24, VT-S15F, VT 15/24 on request
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.040 W/mK as per EN 12667
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 3.0 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 4 as per ISO 14644-1

THERMATEX® Alpha HD

Systems

F Free span system with exposed or concealed suspension

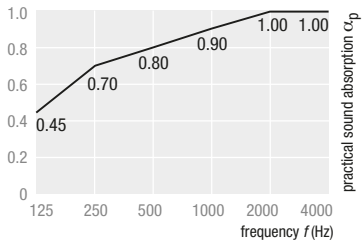
I Bandraster system, concealed cross sections

A Concealed system, panels demountable AW/GN non-accessible GN/GN

Sound absorption values

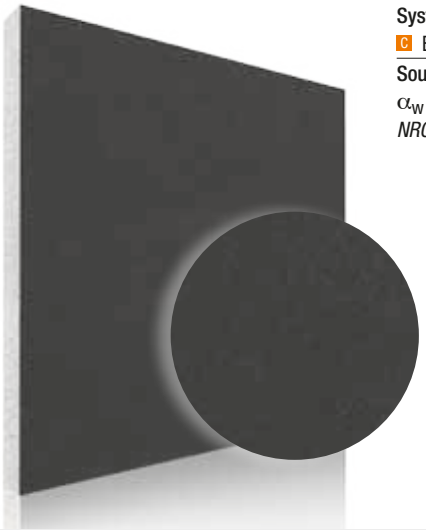
α_w = 0.90 as per EN ISO 11654

NRC = 0.85 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (19 mm Dicke, as per test certificate)
Edge details	AW/GN, AW/SK, GN/SK, VT 15/24 on request
Building material class	A2-s1, d0 as per EN 13501-1
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 4.7 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Alpha black



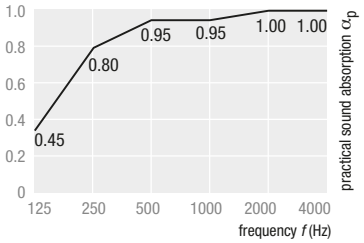
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 1.00 as per EN ISO 11654

NRC = 0.90 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 28 dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Thermal conductivity	λ = 0.040 W/mK as per EN 12667
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 3.0 kg/m²
Colour	black

THERMATEX® Alpha coloured

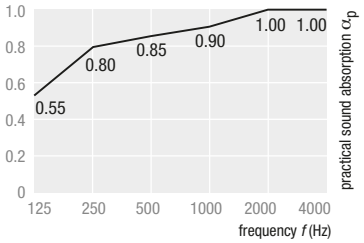
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.90 as per EN ISO 11654

NRC = 0.95 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 28 dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Thermal conductivity	λ = 0.040 W/mK as per EN 12667
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 3.0 kg/m²
Colours	cream, silver

THERMATEX® Acoustic

Systems

C Exposed system, demountable ceiling

F Free span system with exposed or concealed suspension

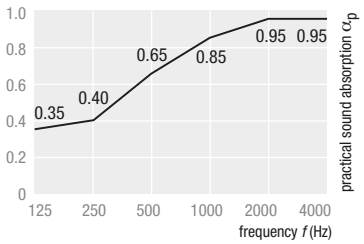
I Bandraster system, concealed cross sections

A Concealed system, panels demountable AW/GN non-accessible GN/GN

Sound absorption values

α_w = 0.65(H) as per EN ISO 11654

NRC = 0.70 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 38 dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, VT-S 15/14, VT-S15F, AW/GN, AW/SK, GN/SK, GN/GN
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 4.6 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 4 as per ISO 14644-1

THERMATEX® Silence

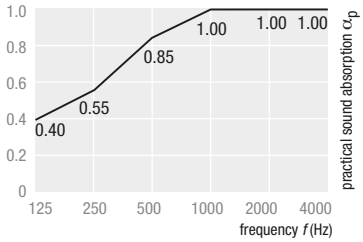
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.85(H) as per EN ISO 11654

NRC = 0.90 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 44 dB as per EN ISO 10848 (43 mm thickness, as per test certificate)
Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	43 mm / approx. 10.8 kg/m²
Colours	white similar to RAL 9010

THERMATEX® dB Acoustic 24 mm

Systems

C Exposed system, demountable ceiling

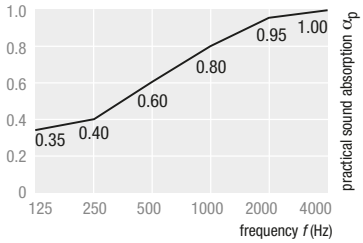
F Free span system with exposed or concealed suspension

I Bandraster system, concealed cross sections

Sound absorption values

α_w = 0.65(H) as per EN ISO 11654

NRC = 0.70 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 41 dB as per EN ISO 10848 (24 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, VT-S15F, AW/GN, AW/SK, GN/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	24 mm / approx. 8.4 kg/m²
Colours	white similar to RAL 9010

THERMATEX® dB Acoustic 30 mm

Systems

C Exposed system, demountable ceiling

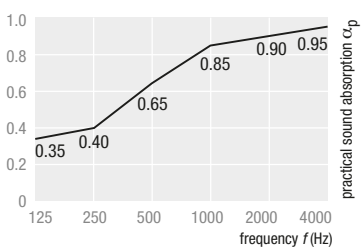
F Free span system with exposed or concealed suspension

I Bandraster system, concealed cross sections

Sound absorption values

α_w = 0.65(H) as per EN ISO 11654

NRC = 0.70 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 43 dB as per EN ISO 10848 (30 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, VT-S15F, AW/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	30 mm / approx. 10.5 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Thermofon

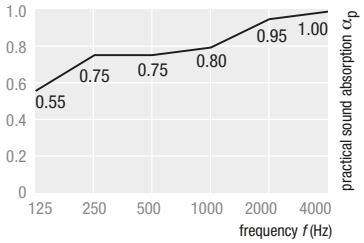
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.80(H) as per EN ISO 11654

NRC = 0.85 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 28 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT-S 15/24, VT 15/24 on request
Building material class	A2-s1, d0 as per EN 13501-1
Light reflectance	up to 88%
Thermal conductivity	λ = 0.038 W/mK as per EN 12667
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 2.4 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 6 as per ISO 14644-1

THERMATEX® SF Acoustic

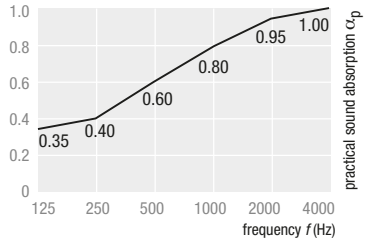
Systems

C Exposed system, demountable ceiling

Sound absorption values

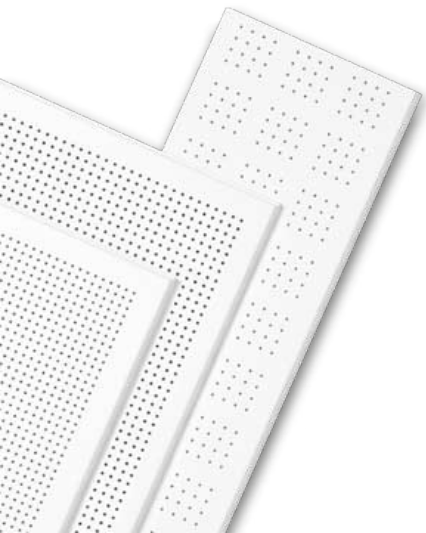
α_w = 0.65(H) as per EN ISO 11654

NRC = 0.70 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 38 dB as per EN ISO 10848 (24 mm thickness, as per test certificate)
Edge details	SF
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	24 mm / approx. 8.4 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Symetra



Systems

C Exposed system, demountable ceiling

F Free span system with exposed or concealed suspension

I Bandraster system, concealed cross sections

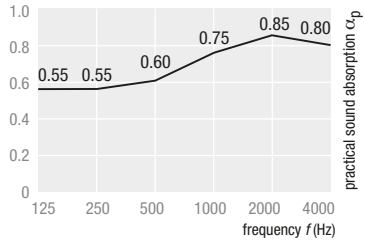
A Concealed system, panels demountable AW/GN non-accessible GN/GN

Sound absorption values

Symetra Rg 4-10

α_w = 0.70 as per EN ISO 11654

NRC = 0.70 as per ASTM C 423



Edge details	SK, VT 15/24, VT-S15F, AW*, GN*
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI90 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 87%
Thermal conductivity	λ = 0.052 - 0,57 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010

* not available for all surfaces

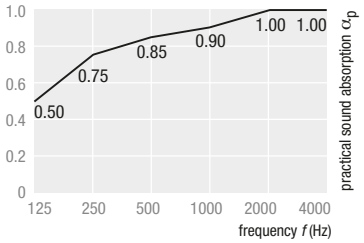
THERMATEX® Aquatec

Systems

C Exposed system, demountable ceiling
A Concealed system, panels demountable AW/GN non-accessible GN/GN

Sound absorption values

α_w = 0.90 as per EN ISO 11654
NRC = 0.90 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 28 dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Edge details	SK, VT-S 15/24, AW/GN
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.040 W/mK as per EN 12667
Humidity resistance	up to 100% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 4.7 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 3 as per ISO 14644-1

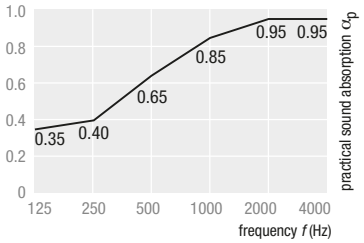
THERMATEX® Acoustic Hygena

Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.65(H) as per EN ISO 11654
NRC = 0.70 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 38 dB as per EN ISO 10848 (19 mm thickness, as per test certificate)
Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH and 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	19 mm / approx. 4.6 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 4 as per ISO 14644-1

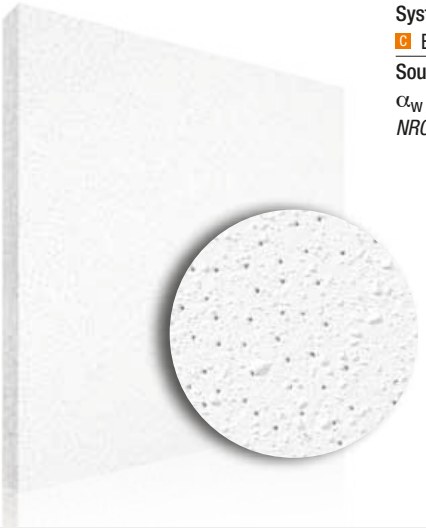
THERMATEX® Thermaclean S

Systems

C Exposed system, demountable ceiling

Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK
Building material class	A2-s3, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 81%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.5 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010
Clean room	Class 3 as per ISO 14644-1

THERMATEX® Laguna micro perf.



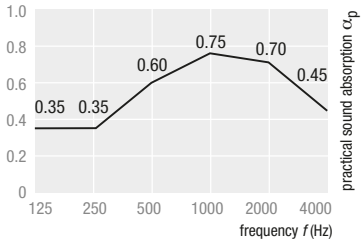
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.60 as per EN ISO 11654

NRC = 0.60 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Laguna

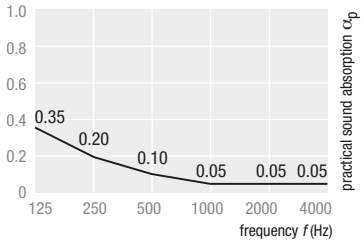
Systems

C Exposed system, demountable ceiling

Sound absorption values

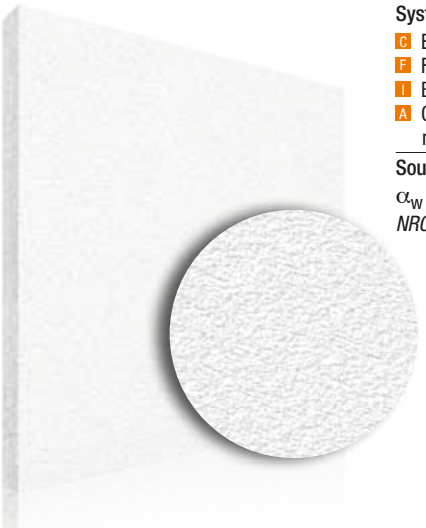
α_w = 0.10(L) as per EN ISO 11654

NRC = 0.10 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Fine Stratos



Systems

C Exposed system, demountable ceiling

F Free span system with exposed or concealed suspension

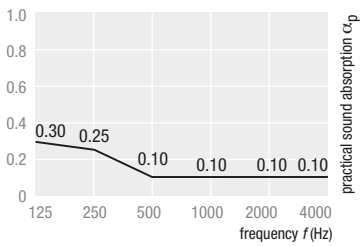
I Bandraster system, concealed cross sections

A Concealed system, panels demountable AW/GN non-accessible GN/GN

Sound absorption values

α_w = 0.10(L) as per EN ISO 11654

NRC = 0.15 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, GN/GN, AW/SK, GN/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010

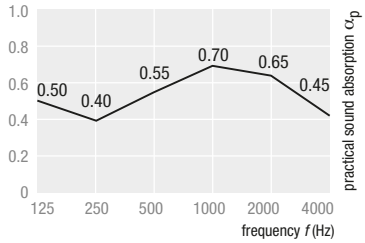
THERMATEX® Star

Systems

- C Exposed system, demountable ceiling
- F Free span system with exposed or concealed suspension
- I Bandraster system, concealed cross sections
- A Concealed system, panels demountable AW/GN non-accessible GN/GN

Sound absorption values

α_w = 0.60 as per EN ISO 11654
NRC = 0.60 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, AW, GN/GN, AW/SK, GN/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 90%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010

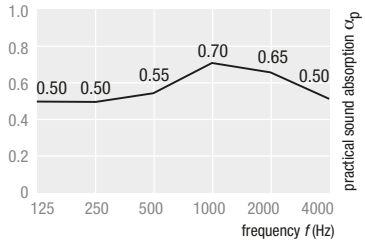
THERMATEX® Fine Stratos micro perf.

Systems

- C Exposed system, demountable ceiling
- F Free span system with exposed or concealed suspension
- I Bandraster system, concealed cross sections
- A Concealed system, panels demountable AW/GN non-accessible GN/GN

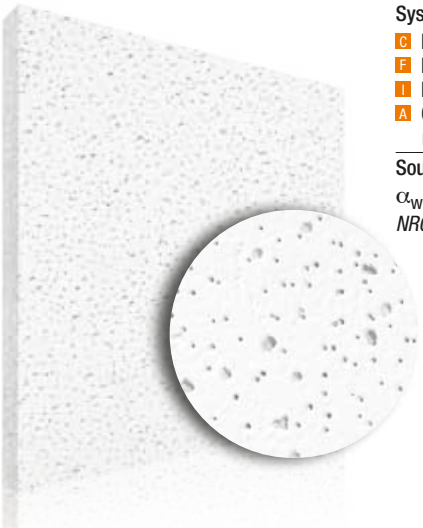
Sound absorption values

α_w = 0.60 as per EN ISO 11654
NRC = 0.60 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, AW/GN, GN/GN, AW/SK, GN/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 95% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Mercure

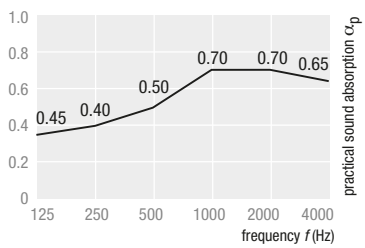


Systems

- C Exposed system, demountable ceiling
- F Free span system with exposed or concealed suspension
- I Bandraster system, concealed cross sections
- A Concealed system, panels demountable AW/GN non-accessible GN/GN

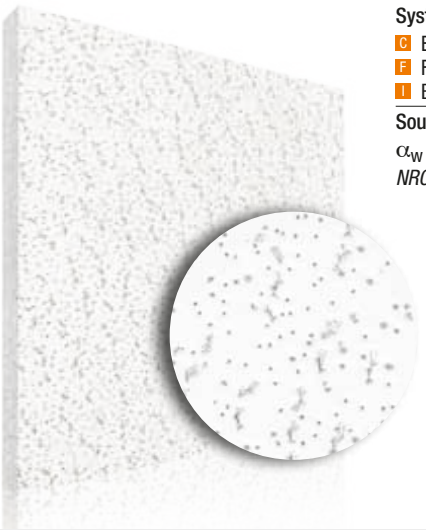
Sound absorption values

α_w = 0.60 as per EN ISO 11654
NRC = 0.60 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24, AW/GN, GN/GN, AW/SK, GN/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Fresko

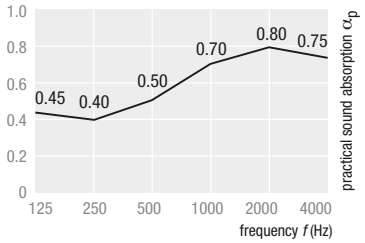


Systems

C Exposed system, demountable ceiling
F Free span system with exposed or concealed suspension
I Bandraster system, concealed cross sections

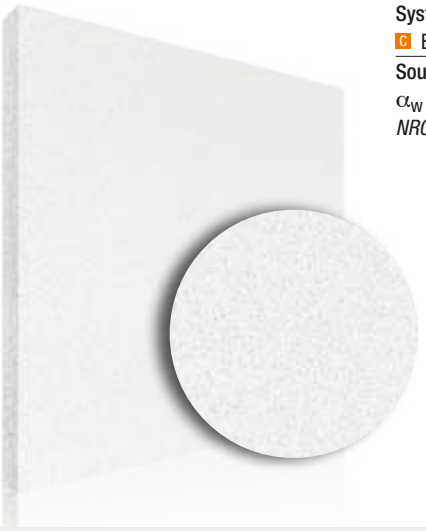
Sound absorption values

α_w = 0,60(H) as per EN ISO 11654
NRC = 0,60 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 34 dB as per EN ISO 10848 (15 mm Dicke, as per test certificate)
Edge details	SK, VT 15/24, AW/SK, GN/SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 - REI120 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 87%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 4.0 kg/m², 19 mm / approx. 5.3 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Antaris

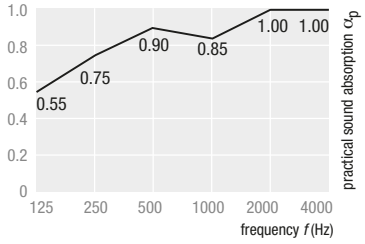


Systems

C Exposed system, demountable ceiling

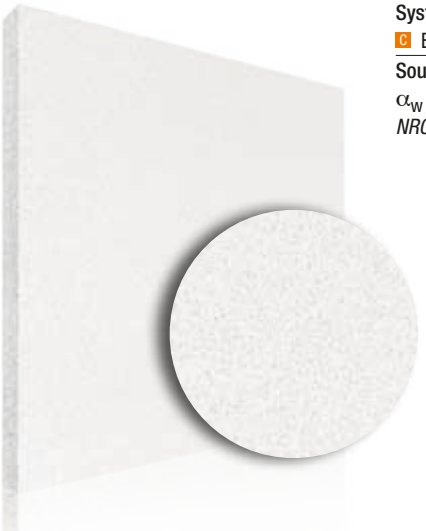
Sound absorption values

α_w = 0.90 as per EN ISO 11654
NRC = 0.90 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 28 dB as per EN ISO 10848 (15 mm thickness, as per test certificate)
Edge details	SK, VT 15/24
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI45 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.038 W/mK as per EN 12667
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	15 mm / approx. 2.4 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Antaris C

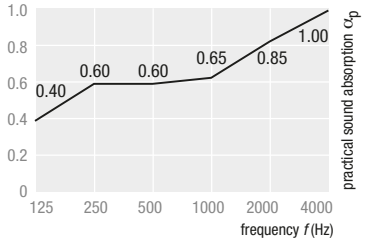


Systems

C Exposed system, demountable ceiling

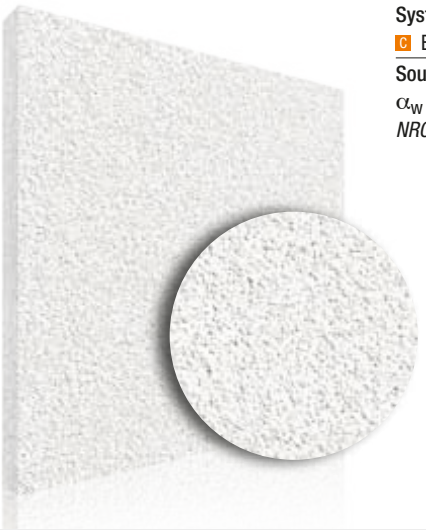
Sound absorption values

α_w = 0.65(H) as per EN ISO 11654
NRC = 0.70 as per ASTM C 423



Sound attenuation	$D_{n,f,w}$ = 30 dB as per EN ISO 10848 (13 mm thickness, as per test certificate)
Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	13 mm / approx. 3.0 kg/m²
Colours	white similar to RAL 9010

ECOMIN Orbit



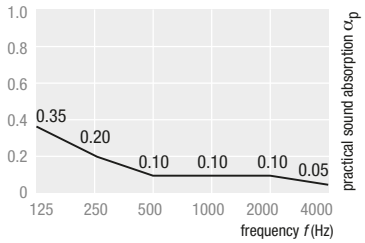
Systems

C Exposed system, demountable ceiling

Sound absorption values

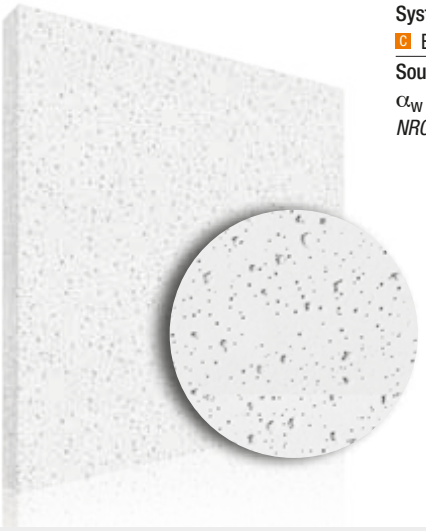
α_w = 0.10(L) as per EN ISO 11654

NRC = 0.15 as per ASTM C 423



Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 90% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	nom. 13 mm / approx. 3.5 kg/m²
Colours	white similar to RAL 9010

ECOMIN Planet



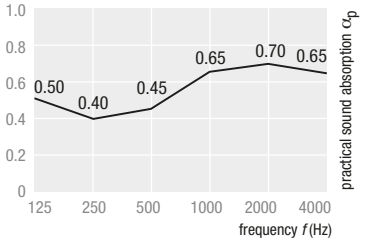
Systems

C Exposed system, demountable ceiling

Sound absorption values

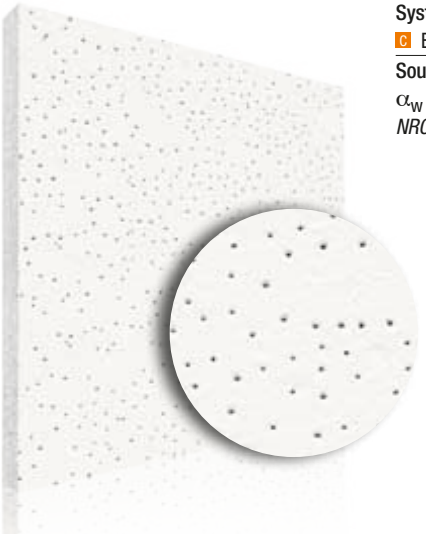
α_w = 0.55 as per EN ISO 11654

NRC = 0.55 as per ASTM C 423



Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 88%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 70% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	nom. 13 mm / approx. 3.5 kg/m²
Colours	white similar to RAL 9010

ECOMIN Filigran



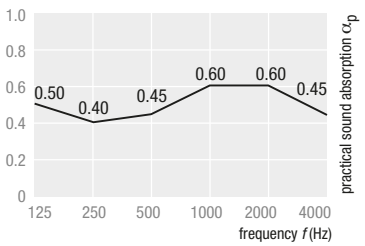
Systems

C Exposed system, demountable ceiling

Sound absorption values

α_w = 0.55 as per EN ISO 11654

NRC = 0.50 as per ASTM C 423



Edge details	SK
Building material class	A2-s1, d0 as per EN 13501-1
Fire	REI30 as per EN 13501-2 (see test report for full details)
Light reflectance	up to 90%
Thermal conductivity	λ = 0.052 - 0.057 W/mK as per DIN 52612
Humidity resistance	up to 70% RH
Dimensions	For sizes as well as supply categories please consult www.amfceilings.com
Thickness / Weight	nom. 13 mm / approx. 3.5 kg/m²
Colours	white similar to RAL 9010

THERMATEX® Sonic - Overview

Modern architecture uses hard reflective materials such as glass, steel and concrete, usually this means there is only limited space available for the acoustic absorption that is needed to provide a comfortable acoustic environment.
The THERMATEX® Sonic raft offers a simple solution to optimise the acoustics of a space.

THERMATEX® Sonic arc

Particularly elegant design possibilities are achievable by varying layouts of concave and convex ceiling raft with THERMATEX® Sonic arc.

Advantages:

- Concave and Convex elements
- Range of colours
- Adjustable hangers
- Quick and easy installation

THERMATEX® Sonic element

THERMATEX® Sonic element offers you an acoustic mineral fibre ceiling raft with a frameless design. The perfect symbiosis between outstanding acoustics and sophisticated elegance is achieved using little material.

Advantages:

- Quick and easy installation
- Round and square elements
- Recessed fixing points
- Adjustable hangers

THERMATEX® Sonic modern

THERMATEX® Sonic modern is a mineral fibre ceiling raft with an aluminium frame. The ceiling raft is delivered in one piece ready to install and can be installed quickly and simply using the supplied hangers.

Advantages:

- Quick and precise installation
- Flexible suspension
- Individual surface designs
- Various frame colours

THERMATEX® Sonic sky

The flexible flat ceiling raft system THERMATEX® Sonic sky offers architects and designers freedom with a large selection of colours and forms.

Advantages:

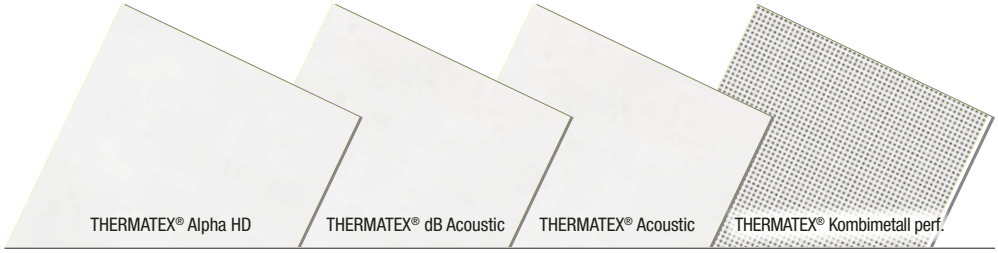
- Flexible sizes
- Special shapes are available (Trapezoids, triangles etc.)
- Can be installed at an angle (non-horizontal)
- Large choice of tile face patterns
- Lights and service can be easily integrated

AMF Line; wall absorbers – Wall mounted acoustic designs

A suspended ceiling contributes greatly to the room acoustics. In some cases, the ceiling area is insufficient to create optimum room acoustics. There are also situations where an acoustic ceiling is not possible due to technical, architectural or conservation reasons. Typical examples are historic buildings with stucco and frescoes, rooms with visible ceiling elements such as wood or buildings utilising exposed concrete as thermal mass.

AMF Line Classic

AMF Line Classic is a modular wall absorber system suitable for large areas. The sophisticated profile system enables the wall absorber to be constructed to the required length on site. The profiles, up to 3.75 m in length, are easily joined together with a connector piece. There are also clever details for recesses such as windows or doors. The acoustic panels are available in modular fleece-coated mineral and metal finishes and are linked with a concealed edge detail.



AMF Line Modern

AMF Line Modern consists of a mineral tile with an aluminium frame. The fleece-coated surface of AMF Line Modern is white as standard, but can be ordered in any colour or printed with custom graphics.
The wall panel is delivered in one piece ready for installation and is simple to install using the included eccentric screw and installation spanner. The construction of the panel ensures very high levels of acoustic absorption.

AMF Line Style

AMF Line Style is an individually printable fabric covering with an aluminium frame. The aluminium frame is provided with an all-round groove into which the printed fabric is inserted. The fabric covering to be easily removed and exchanged for a new design easily, without special tools.
Three frame depths are available, providing different levels of acoustic absorption.

- Basic light: Lightweight profile for one-sided coverings in small sizes
- Basic ES: Profile for all sizes with one-sided coverings
- Basic DS: Profile for wall panels with double-sided coverings and highly absorbing acoustic fillings

Knauf AMF systems

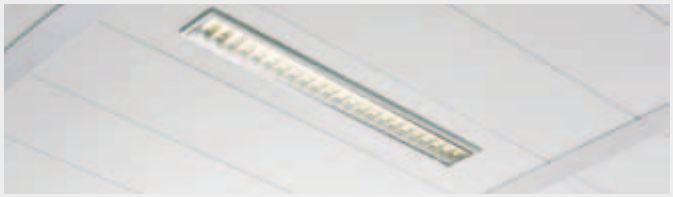
Modern buildings are a combination of different Functional areas in which the appropriate construction system must be selected according to the area's requirements. The wide variety of construction variants of ceiling systems from Knauf AMF is as numerous as the performance requirements. Simple installation under existing soffits of all types together with ease of maintenance, provide efficient ceiling solutions for modern buildings.

System C – Exposed grid system

The ceiling tiles are laid into an exposed metal suspension grid, visible from below. Every tile can be individually removed and the ceiling void can be accessed at any point for maintenance and service work.

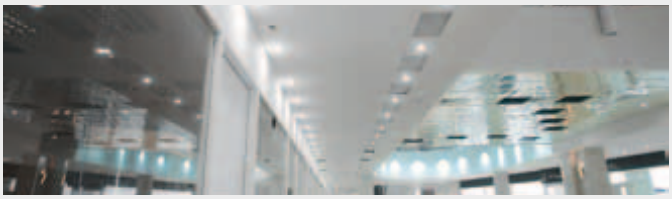
System F – Free span system

Numerous Knauf AMF surface designs provide extensive design freedom. Especially in combination with Knauf AMF Kombimetal tiles, system F meets the highest requirements in fire and sound protection.



System I – Bandraster system

Ceiling construction with exposed main profiles. Lightweight partitions can be installed under bandraster profiles, enabling a flexible room layout.



System A – Concealed grid system

Smooth and monolithic, due to concealed suspension profiles. The ceiling tiles can either be demountable or non-accessible depending on the construction variant.

You can find more products from Knauf AMF in our catalogues:

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Germany

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Fax: +49 (0) 85 52 / 422 - 32

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www.amfceilings.com

06/2014

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The RAL - Quality Mark confirms the consistently high quality of the AMF mineral wool, as well as its biological solubility.

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