



AMF TOPIQ[®]

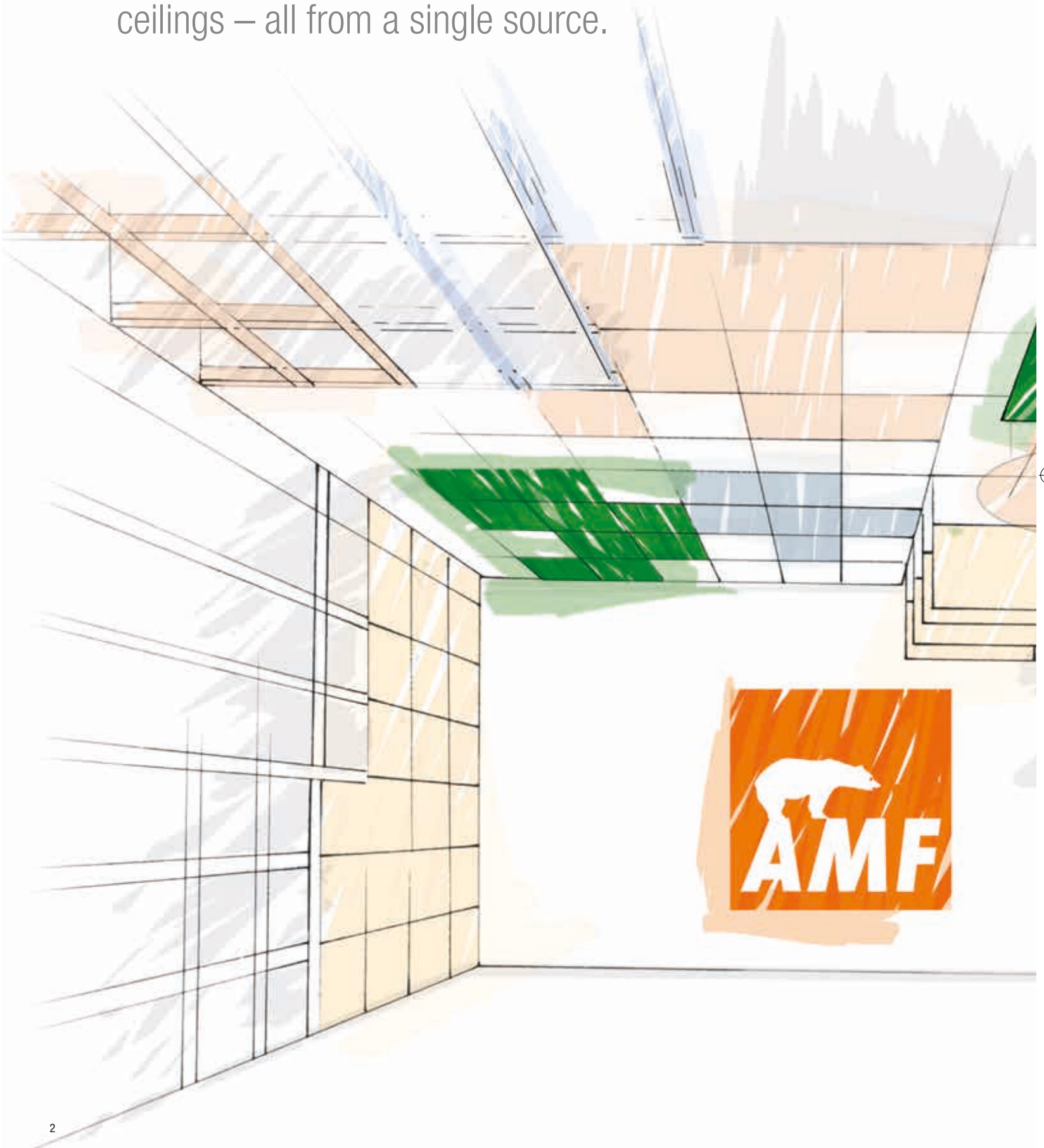
Product Catalogue





Knauf AMF

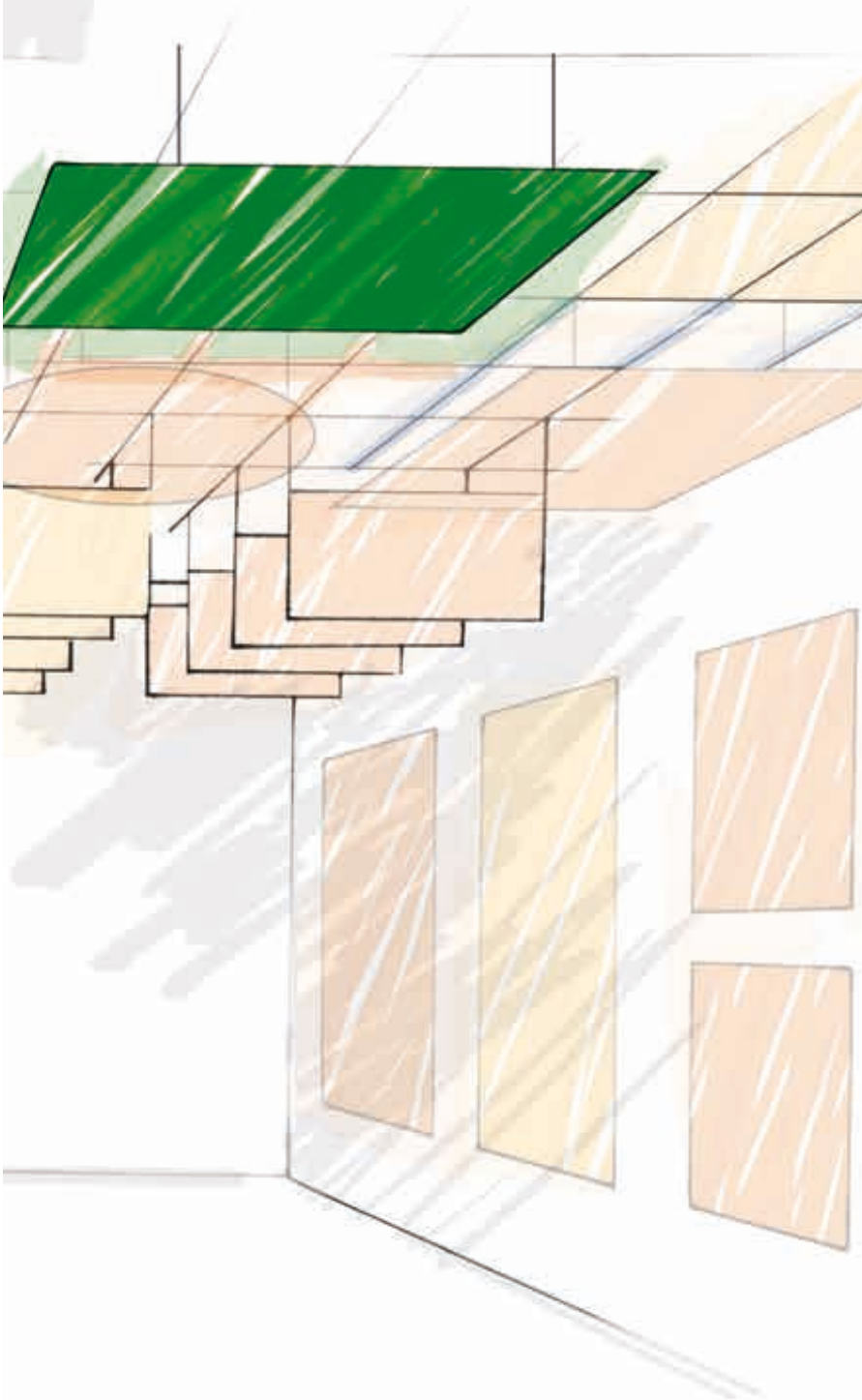
Complete system solutions from the experts in suspended ceilings – all from a single source.





AMF TOPIQ® – “premium efficiency”

Mineral wool boards laminated with fleece on both sides, colour coated on the visible face and all edges, are the basis for our soft fibre ceiling tile AMF TOPIQ®. The products are characterised by their light weight, ease of handling, durability and excellent sound absorption performance.



About AMF TOPIQ®

The product brand AMF TOPIQ®	04
Technical performance	05

Product Info

AMF TOPIQ® Prime	06
AMF TOPIQ® Efficient pro	07
AMF TOPIQ® Prime Hygena	08
AMF TOPIQ® Efficient pro Hygena	09
AMF grid systems	10
AMF TOPIQ® Sonic element	11





AMF TOPIQ® – the new soft fibre ceiling tile from Knauf AMF

With the launch of our soft fibre product range, Knauf AMF enhances our position as a complete system solutions provider for modular suspended ceilings. The features and technology of **AMF TOPIQ®** offer further evidence of our reputation as an established innovator in suspended ceilings, whilst at the same time strengthening our approach to application orientated solutions.

The technology of the product brand **AMF TOPIQ®** is based on fleece laminated stone wool tiles, finished on all sides for a diverse range of room requirements. As standard, the finish consists of a fleece coating on both sides with the face and edge areas additionally provided with a high quality colour coating.

The products in the soft fibre board range impress primarily with their low weight, easy handling, durability and excellent humidity resistance and sound absorption performance.

The AMF TOPIQ® Startup Package:

Functionality and Acoustics

TOPIQ® Prime
TOPIQ® Efficient pro

Hygiene and Acoustics

TOPIQ® Prime Hygena
TOPIQ® Efficient pro Hygena

Ceiling rafts and Design

TOPIQ® Sonic element

Product properties and advantages

- High sound absorption
- Low weight
- Easy installation and handling
- Demountable
- Excellent humidity resistance
- Easy to clean

Questions?

Contact your local sales office (see back page) or our technical information service **AMF direct**

Tel.: +49 8552 422-10

E-Mail: amf_direkt@knaufamf.com

to receive simple and uncomplicated information and test certificates.





Ceiling systems from Knauf AMF

The right solution for all requirements



Sound absorption

Sound absorption refers to the reduction of sound energy in a room through a sound wave losing energy through component surfaces. Thus, it determines the acoustic well-being of a user in a room as it shortens the reverberation time, reduces noise levels and increases speech intelligibility. **AMF TOPIQ®** is an extremely absorbing ceiling tile offering the highest sound absorption performance – Class A.



Humidity resistance

Relative humidity has a significant impact on the stability and structure of a mineral tile. Therefore, rooms regularly submitted to high humidity should be installed with a ceiling tile with a humidity resistance of > 90%. **AMF TOPIQ®** is suitable for environments up to 100% RH.



Light reflection

In addition to their acoustic properties, wall and ceiling tiles also offer a significant impact on light reflection. Materials with high light reflection facilitate the effective use of natural light and artificial lighting and reinforce the effectiveness of indirect lighting.



Sound attenuation

Good sound attenuation reduces external acoustic influences that are transmitted through adjoining building components – such as ceiling voids – into neighbouring rooms and is therefore an important contribution to sound reduction. **AMF TOPIQ®** provides good attenuation performance in addition to its excellent absorption class.



Washability

Regular cleaning with a damp cloth ensures surface cleanliness, however in order for surfaces to be clinically clean, they must have the ability to be wet washed. Moreover, the chemical resistance in terms of cleaning process and disinfection reagents is especially important.



Clean room

A clean room is a room in which the concentration of airborne particles is kept as low as is necessary. After construction, particle measurements are carried out, the results of which are used for classification in to the ISO classes 1 to 9.



Hygien

In order to effectively prevent the growth of germs, bacteria and fungi, Knauf AMF offers a preventative, washable surface that complies with the hygiene guidelines EN ISO 14644 and DIN 1946.



Design

For rooms in which people reside for long periods of time, attention should be given to the design as well as the acoustic performance, in order to create a harmonious and relaxed ambiance.





TOPIQ® Prime

$$\alpha_W = 0.95$$

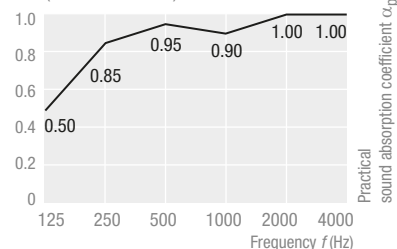
TOPIQ® Prime combines excellent technical performance with simple elegance. Offering class A sound absorption with high humidity resistance good sound attenuation.



Technical Performance

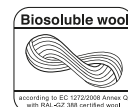
Sound absorption	EN ISO 354 $\alpha_W = 0.95$ according to EN ISO 11654 $NRC = 0.90$ according to ASTM C 423
Sound attenuation	$D_{n,f,w} = 24$ dB according to EN ISO 10848
Sound attenuation	$R_w = 13$ dB according to EN ISO 10140-2:2010
Humidity resistance	up to 100% relative humidity
Building material class	A1 according to EN 13501-1
Light reflection	For white similar to RAL 9010 glare-free approx. 88%
Colour	White similar to RAL 9010

Sound absorption values (TOPIQ® Prime)



System C

Exposed system, tiles demountable



Recommended module in mm	Thickness/weight TOPIQ® Prime 15 mm (approx. 2,1 kg/m²)		
	System C		
	SK	VT-S 15/24	VT-S 15F
Please note minimum quantities and lead times.			
600 x 600	•	•	•
625 x 625	•	•	•
600 x 1200	•	•	•
625 x 1250	•	•	•



TOPIQ® Efficient pro

$$\alpha_W = 1.00$$

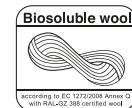
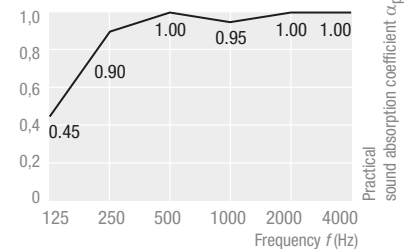
TOPIQ® Efficient pro provides the highest possible class A sound absorption with high humidity resistance and different coating options.



Technical Performance

Sound absorption	EN ISO 354 $\alpha_W = 1.00$ according to EN ISO 11654 $NRC = 0.95$ according to ASTM C 423
Sound attenuation	$D_{n,f,w} = 25$ dB according to EN ISO 10848
Sound attenuation	$R_w = 15$ dB according to EN ISO 10140-2:2010
Humidity resistance	up to 100% relative humidity
Building material class	A1 according to EN 13501-1
Light reflection	For white similar to RAL 9010 glare-free approx. 88%
Colour	White similar to RAL 9010 Black similar to RAL 9004 (only for SK edges available)

Sound absorption values (TOPIQ® Efficient pro)



System C

Exposed system, tiles demountable

Recommended module in mm	Thickness/weight TOPIQ® Efficient pro 20 mm (approx. 2.8 kg/m²)		
	System C		
	SK	VT-S 15/24	VT-S 15F
Please note minimum quantities and lead times.			
600 x 600	•	•	•
625 x 625	•	•	•
600 x 1200	•	•	•
625 x 1250	•	•	•

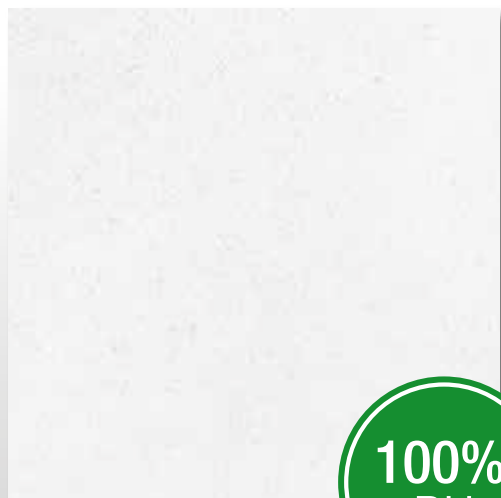




TOPIQ® Prime Hygena

$$\alpha_w = 0,95$$

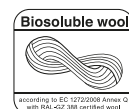
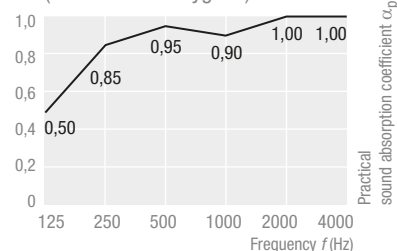
TOPIQ® Prime Hygena combines excellent technical performance with simple elegance. Offering class A sound absorption with high humidity resistance good sound attenuation.



Technical Performance

Sound absorption	EN ISO 354 $\alpha_w = 0.95$ according to EN ISO 11654 $NRC = 0.90$ according to ASTM C 423
Sound attenuation	$D_{n,f,w} = 24$ dB according EN ISO 10848
Sound attenuation	$R_w = 13$ dB according EN ISO 10140-2:2010
Humidity resistance	up to 100% relative humidity
Building material class	A1 according to EN 13501-1
Light reflection	For white similar to RAL 9010 glare-free approx. 88%
Hygiene	prevents bacteria and fungi
Clean room classification	class 5 according ISO 14644-1
NF S 90-351:2013	zone 4 bacteriological purity class: M1 decontamination class: CP _(0,5) 5
Colour	White similar to RAL 9010

Sound absorption values (TOPIQ® Prime Hygena)



System C

Exposed system, tiles demountable

Recommended module in mm	Thickness/weight TOPIQ® Prime Hygena 15 mm (approx. 2,1 kg/m²)		
	System C		
	SK	VT-S 15/24	VT-S 15F
Please note minimum quantities and lead times.			
600 x 600	•	•	•
625 x 625	•	•	•
600 x 1200	•	•	•
625 x 1250	•	•	•



TOPIQ® Efficient pro Hygena

$$\alpha_w = 1.00$$

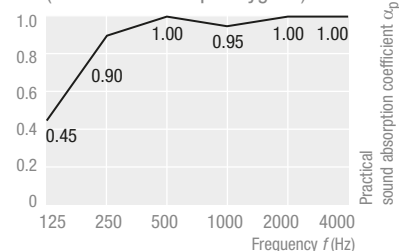
TOPIQ® Efficient pro Hygena offers the same excellent performance as TOPIQ® Efficient pro with the added benefit of superior hygiene properties. The surface is washable and anti-microbial (resistant to the growth of germs, bacteria and fungi).



Technical Performance

Sound absorption	EN ISO 354 $\alpha_w = 1.00$ according to EN ISO 11654 $NRC = 0.95$ according to ASTM C 423
Sound attenuation	$D_{n,f,w} = 25$ dB according to EN ISO 10848
Sound attenuation	$R_w = 15$ dB according to EN ISO 10140-2:2010
Humidity resistance	up to 100% relative humidity
Building material class	A1 according to EN 13501-1
Light reflection	For white similar to RAL 9010 glare-free approx. 88%
Hygiene	prevents bacteria and fungi
Clean room classification	class 4 according to ISO 14644-1
NF S 90-351:2013	zone 4 bacteriological purity class: M1 decontamination class: CP _(0,5) 5
Colour	White similar to RAL 9010

Sound absorption values (TOPIQ® Efficient pro Hygena)



Biosoluble wool



according to EC 1272/2008 Annex D with RAL-02-388 certified wool



System **C**

Exposed system, tiles demountable

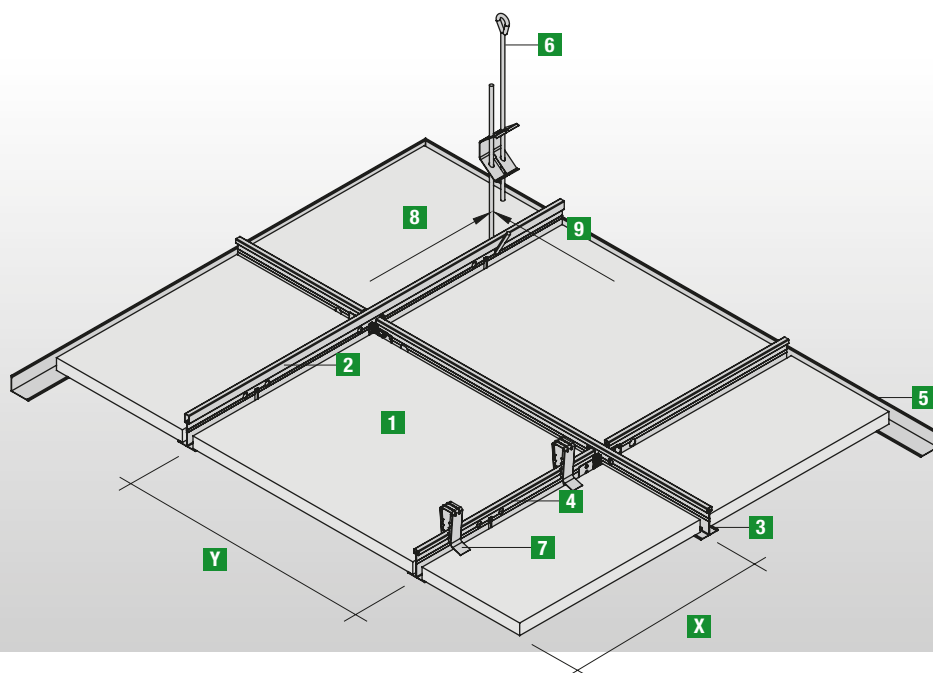
Recommended module in mm	Thickness/weight TOPIQ® Efficient pro Hygena 20 mm (approx. 2.6 kg/m²)		
	System C		
	SK	VT-S 15/24	VT-S 15F
Please note minimum quantities and lead times.			
600 x 600	•	•	•
625 x 625	•	•	•
600 x 1200	•	•	•
625 x 1250	•	•	•





AMF VENTATEC® – grid systems and substructures from Knauf AMF

Acoustic ceiling tiles, substructure and grid from one source guarantee quality, system safety, time savings and cost benefits.



System **C**

Exposed system, tiles demountable

Required materials for System C (per m ²)						
Y X	Module in mm		600 x 600	625 x 625	600 x 1200	625 x 1250
1	AMF-mineral tiles	piece	2.78	2.56	1.39	1.28
2	T-main profile T24/38 – 3600 or 3750	lin. m.	0.84	0.80	0.84	0.80
3	T-cross profile T24/33 – 1200 or 1250	lin. m.	1.67	1.60	1.67	1.60
4	T-cross profile T24/33 – 600 or 625	lin. m.	0.84	0.80	–	–
5	RWL perimeter trim	lin. m.	0.60	0.60	0.60	0.60
6	SoS quick hanger with upper loop or alternative	piece	0.67	0.67	0.67	0.67
7	Hold down clip DFK (optional)	piece	5.56	5.12	2.78	2.56
8	Hanger centres	m	1.20	1.25	1.20	1.25
9	Main profile centres	m	1.20	1.25	1.20	1.25

Grid systems for System C (per m ²)		
AMF VENTATEC®	VENTATEC® Performance T24	Joggled version
		Butt-cut version
	VENTATEC® Performance - HIGH T24	Joggled version
		Butt-cut version
	VENTATEC® Performance T15	Butt-cut version



Would you like to find out more about AMF VENTATEC®?
If you have any questions regarding the application and choice of systems, your local representative is available to advise you! Further information about AMF VENTATEC® can also be found at: www.knaufamf.com.



TOPIQ® Sonic element

The frameless and jointless ceiling raft, TOPIQ® Sonic element, featuring the AMF TOPIQ® Strong Edge Technology, also benefits from fully colour coated face and reverse laminate fleece. The monolithic ceiling raft design has excellent sound absorption properties and when installed gives the appearance of a free floating simple form.

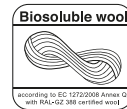


Technical Performance

Sound absorption	EN ISO 354
Humidity resistance	up to 95% relative humidity
Form/ size	Circular up to Ø 1200 mm Square up to max. 1180 x 1180 mm Rectangular up to max. 2400 x 1200 mm Oval up to max. 2400 x 1200 mm
Special forms / sizes	triangular, hexagonal, trapezoid (other forms/sizes on request)
Thickness	approx. 40 mm
Weight /raft	approx. 6.0 kg/m ² (including suspension)

Surface and construction design

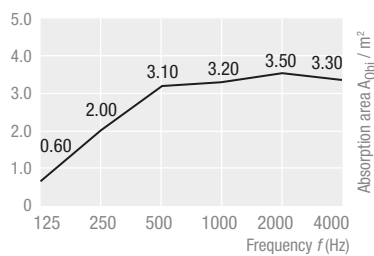
- Fleece and colour coated on face and reverse side*
- Colour similar to RAL 9010
- Frameless, joint-free
- Wide range of forms (circular, square, oval)
- Floating effect due to set-back fixing points
- Flexible, adjustable suspension
- Coloured fleece (see fleece collection)



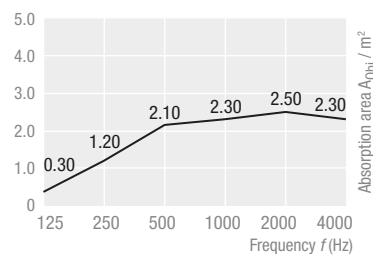
*TOPIQ® Strong Edge Technology



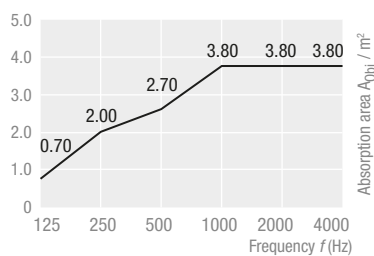
Sound absorption values according to EN ISO 354



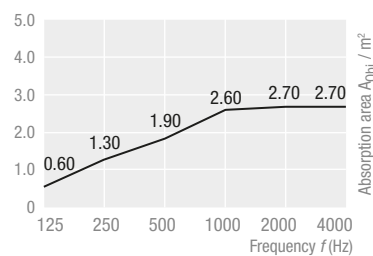
TOPIQ® Sonic element, rectangular
1780 x 1180 mm,
Suspension height 150 mm



TOPIQ® Sonic element, square
1180 x 1180 mm,
Suspension height 150 mm



TOPIQ® Sonic element, rectangular
1780 x 1180 mm,
Suspension height 300 mm



TOPIQ® Sonic element, square
1180 x 1180 mm,
Suspension height 300 mm





Cable hanger SAE-GHD-1 (optional)



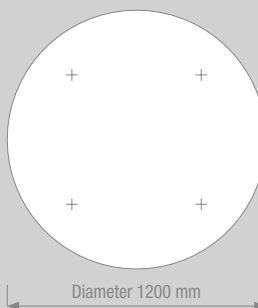
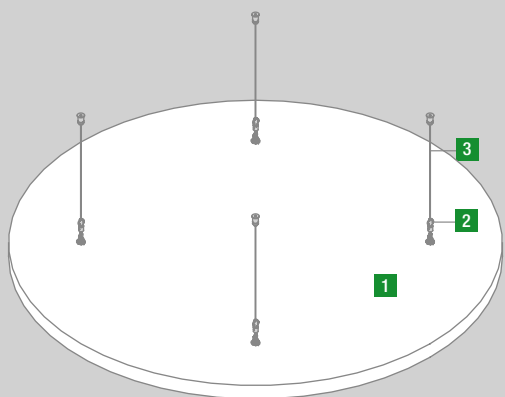
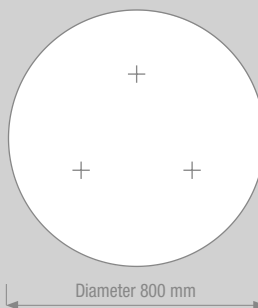
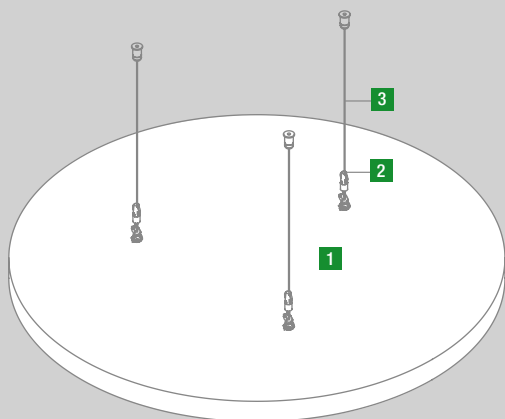
Installation set

Spiral anchor (included in delivery)
Installation set SAE-GHD-1 (optional)

Cable length 1.0 m
Working load 15.6 kg

Standard forms

Circular

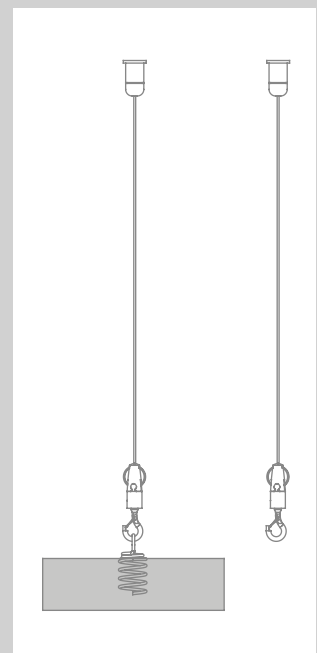


- 1 TOPIQ® Sonic element
- 2 Spiral anchor
- 3 Cable hanger with hooks, cable and ceiling fixings

Suspension

Each ceiling raft is delivered with tension springs (fixing to the raft). The rafts are suspended with cables fixed with hooks to the tension springs.

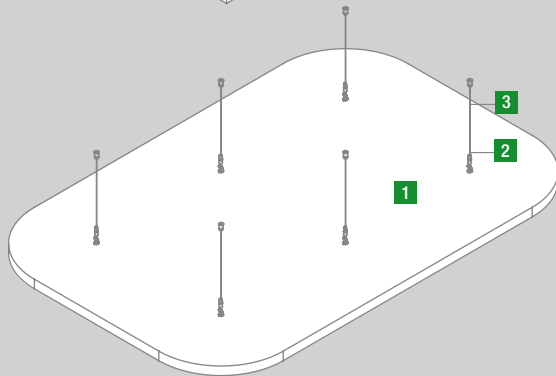
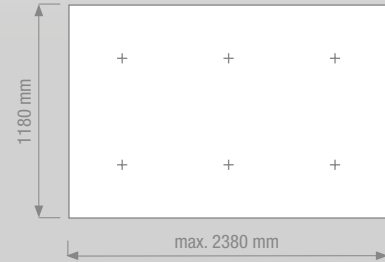
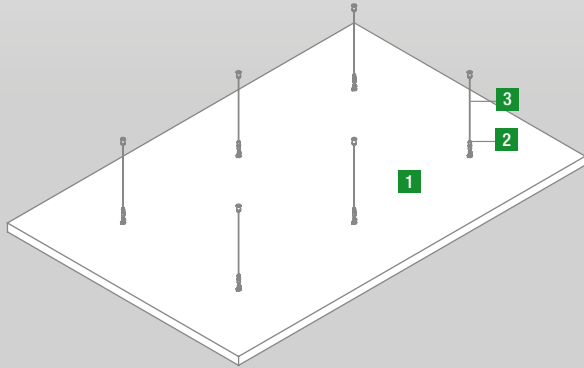
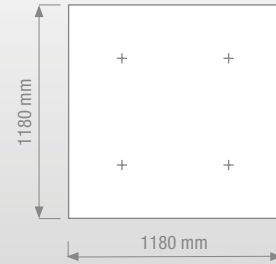
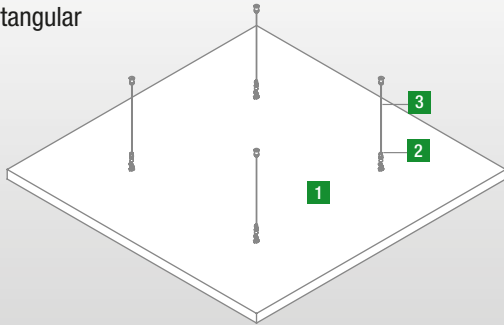
Details





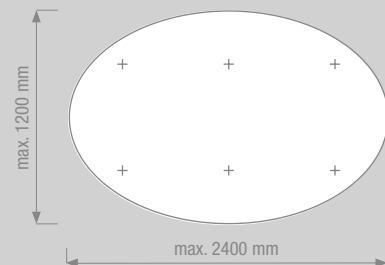
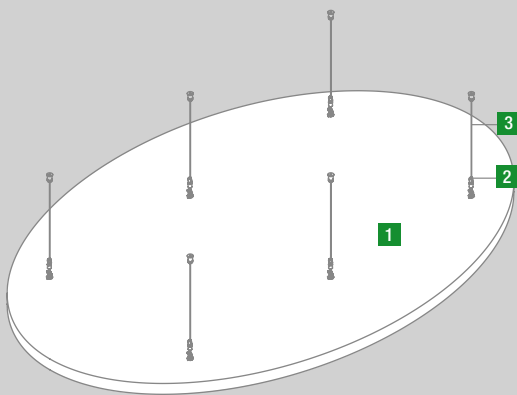
Standard forms

Rectangular



Standard forms

Oval



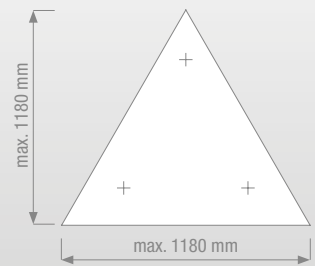
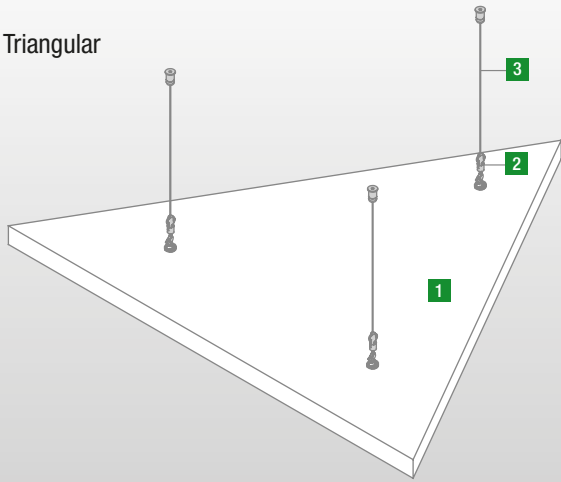
The number of suspension points can vary depending on the size and form of the ceiling raft.



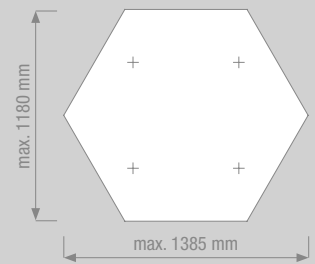
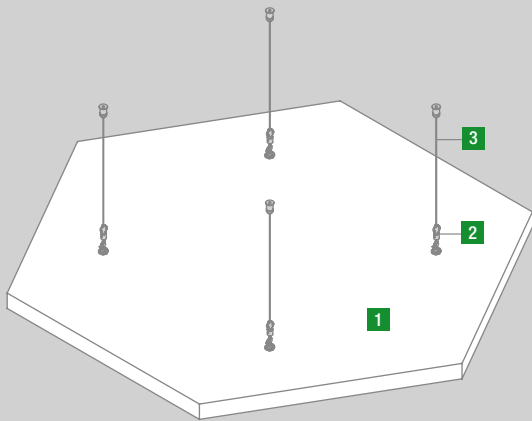


Special forms

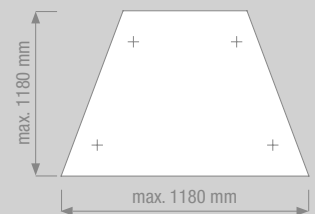
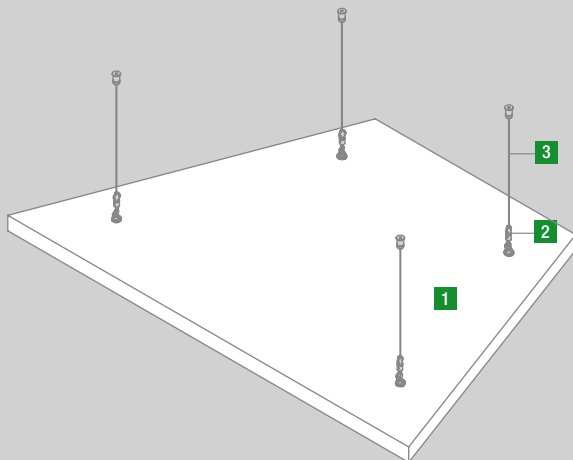
Triangular

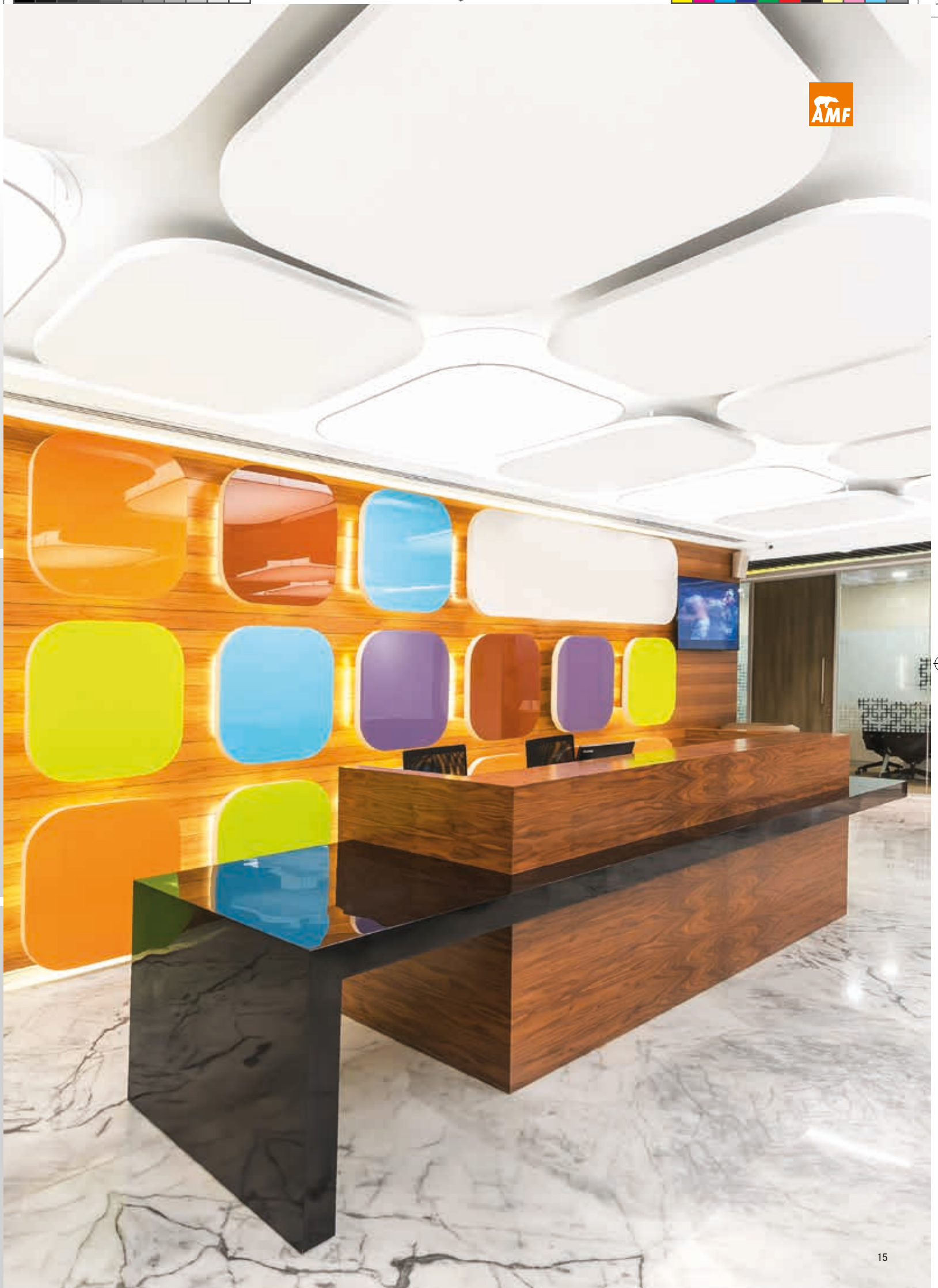


Hexagonal



Trapezoid







Service, Support, Logistics – Centre of expertise in Europe and on-site sales support networks worldwide



Knauf AMF GmbH & Co. KG
Elsenthal 15, 94481 Grafenau
Germany

Tel.: +49 8552 422-0
Fax: +49 8552 422-32

info@knaufamf.com
www.knaufamf.com

The acoustic ceiling specialist Knauf AMF, with its global sales and service network, offers on-site, solution orientated and timely advice for architects, specialist contractors, distributors and developers.

With us, you are always a ceiling solution ahead!

No responsibility or liability is accepted for the accuracy of the information provided.
Subject to change without prior notice.

08/2018

Knauf AMF Deckensysteme GmbH
9702 Ferndorf 29
Austria
Tel.: +43 4245 2001-0
office@heradesign.com
www.heradesign.com



**For inspiration,
specification details
& downloads visit...**

www.adxarchitectural.com.au



(08) 8292 5000 solutions@adxdepot.com.au

For more information & to buy online visit
www.adxdepot.com.au