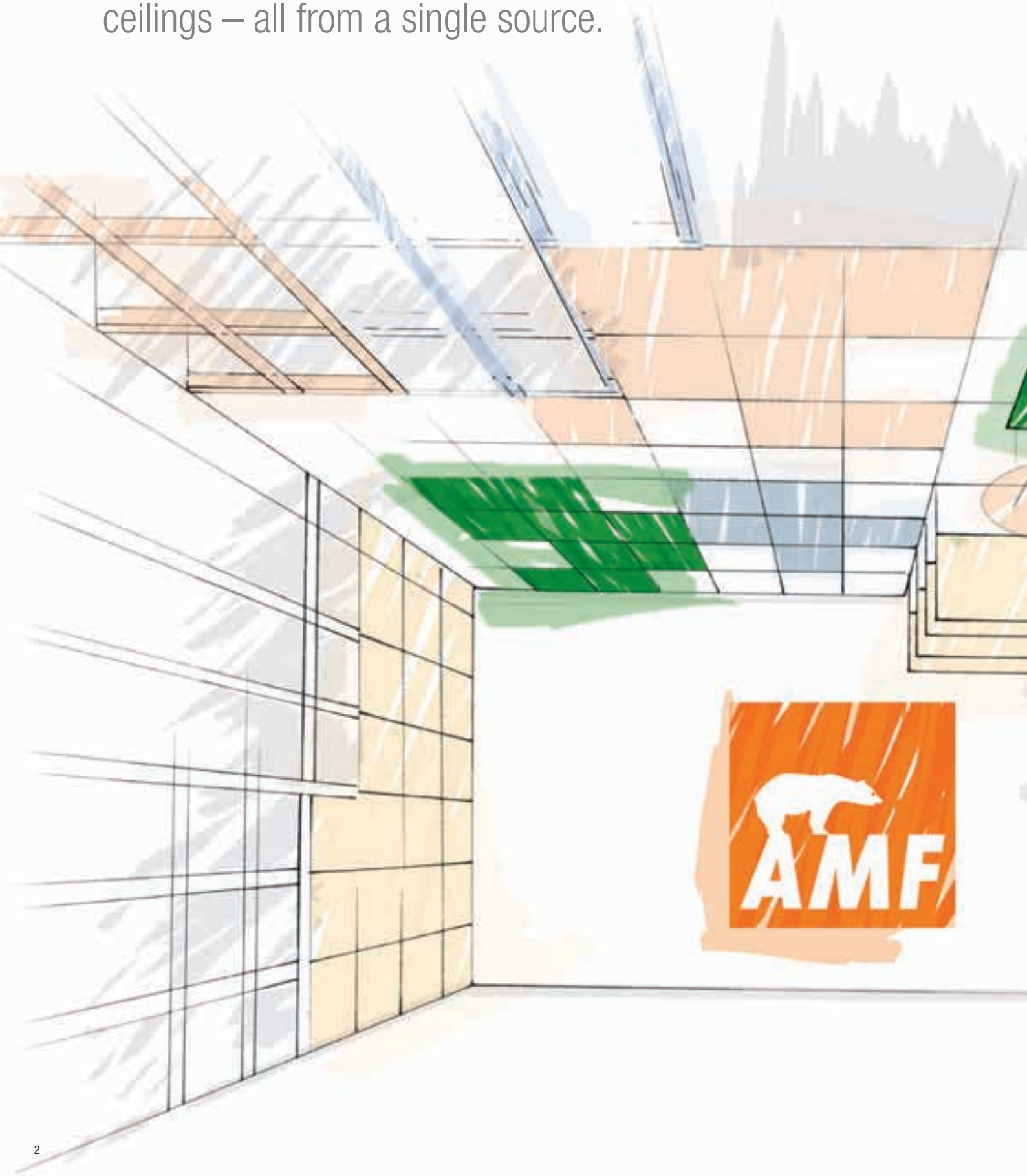
# AMF TOPIQ®

## 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® Efficient pro Hygena 08
AMF grid systems 09
AMF TOPIQ® Sonic element 10

# 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.

## Product properties and advantages

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

## The AMF TOPIQ® Startup Package:

### Functionality and Acoustics

TOPIQ® Prime
TOPIQ® Efficient pro

### Hygiene and Acoustics

TOPIQ® Efficient pro Hygena

### Ceiling rafts and Design

TOPIQ® Sonic element

## Questions?

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

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 it›s excellent absorption class.

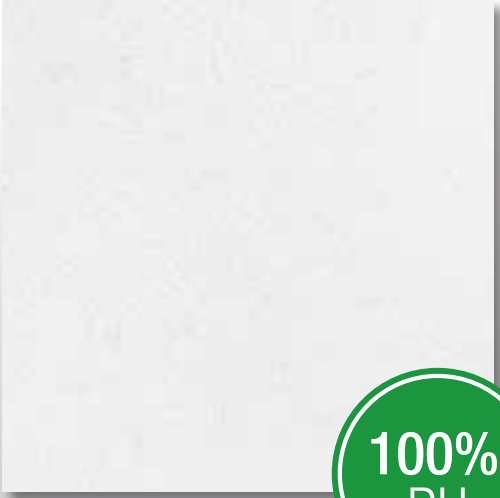
### Washability
Regular cleaning with a damp cloth ensures surface cleanliness, however in order for surfaces to be clinically clean, they must have the ability to be wet washed. Moreover, the chemical resistance in terms of cleaning process and disinfection reagents is especially important.

### 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.



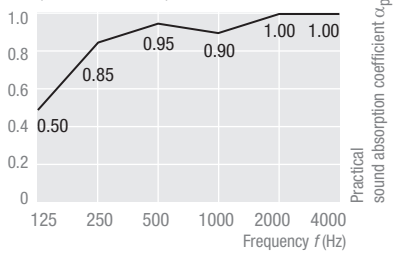
100% RH

## Technical Performance

| | |
|---|---|
| **Sound absorption** | EN ISO 354<br>$\alpha_W$ = 0.95 according to EN ISO 11654<br>*NRC* = 0.90 according to ASTM C 423 |
| **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

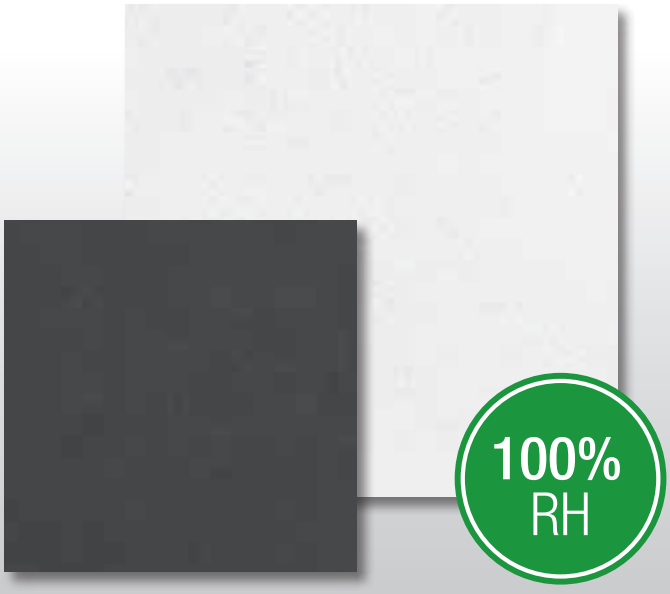
Exposed system, tiles demountable

| 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.

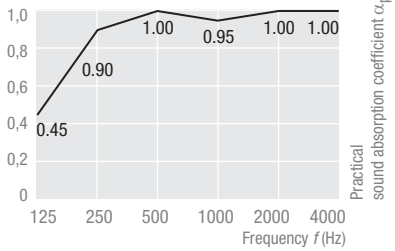



## Technical Performance

| | |
|---|---|
| **Sound absorption** | EN ISO 354 |
| | $\alpha_W$ = 1.00 according to EN ISO 11654 |
| | *NRC* = 0.95 according to ASTM C 423 |
| **Humidity resistance** | up to 100% relative humidity |
| **Building material class** | A1 according to EN 13501-1 |
| **Sound attenuation** | $D_{n,f,w}$ = 25 dB according to EN ISO 10848 |
| **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) |

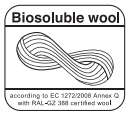
## Sound absorption values

(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 | • | • | • |

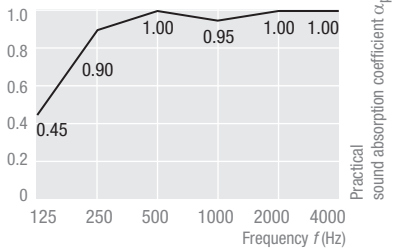
# TOPIQ® Efficient pro Hygena
# $\alpha_W = 1.00$

**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).

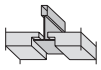
## Technical Performance

| | |
|---|---|
| **Sound absorption** | EN ISO 354<br>$\alpha_W = 1.00$ according to EN ISO 11654<br>*NRC* = 0.95 according to ASTM C 423 |
| **Humidity resistance** | up to 100% relative humidity |
| **Building material class** | A1 according to EN 13501-1 |
| **Sound attenuation** | $D_{n,f,w} = 25$ dB according to EN ISO 10848 |
| **Light reflection** | For white similar to RAL 9010 glare-free approx. 88% |
| **Colour** | White similar to RAL 9010 |

## Sound absorption values
(TOPIQ® Efficient pro Hygena)

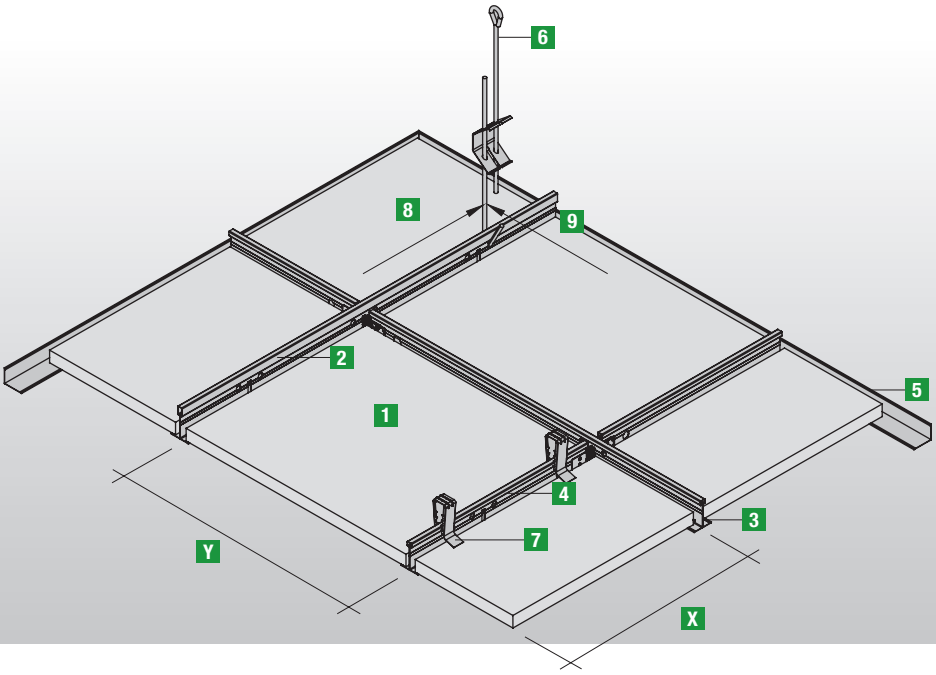



## System C
Exposed system, tiles demountable

| 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 m²) | | | | | | |
|---|---|---|---|---|---|---|
| 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 m²) | | |
|---|---|---|
| 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. 1200 x 1200 mm |
| | Rectangular | up to max. 1800 x 1200 mm |
| | Oval | up to max. 1800 x 1200 mm |
| **Special forms / sizes** | triangular, hexagonal, trapezoid (other forms/sizes on request) | |
| **Thickness** | approx. 40 mm | |
| **Weight /raft** | approx. 6.0 kg/m² (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)

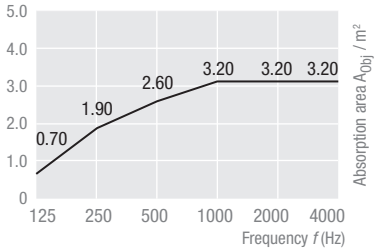
Biosoluble wool

NEW INNOVATION

DESIGN

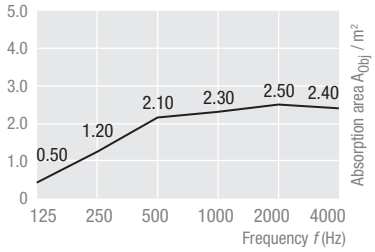
*AMF TOPIQ® Strong Edge Technology

## Sound absorption values according to EN ISO 354



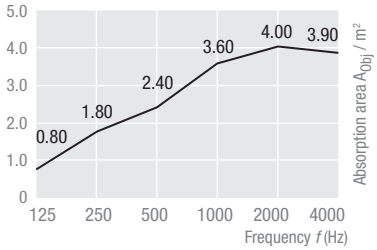

**TOPIQ® Sonic element,**
rectangular

1800 x 1200 mm,
Suspension height 150 mm



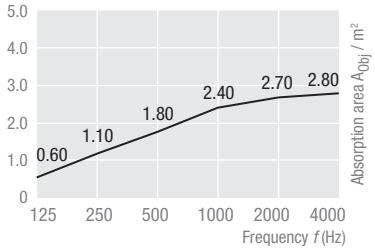

**TOPIQ® Sonic element,**
square

1200 x 1200 mm,
Suspension height 150 mm




**TOPIQ® Sonic element,**
rectangular

1800 x 1200 mm,
Suspension height 300 mm




**TOPIQ® Sonic element,**
square
1200 x 1200 mm,
Suspension height 300 mm

Cable hanger SAE-GHD-1
(optional)

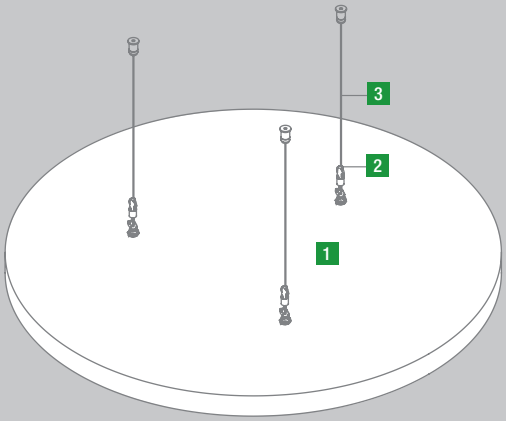
## Installation set

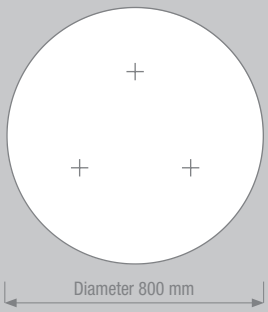
Spiral anchor (included in delivery)
Installation set SAE-GHD-1 (optional)

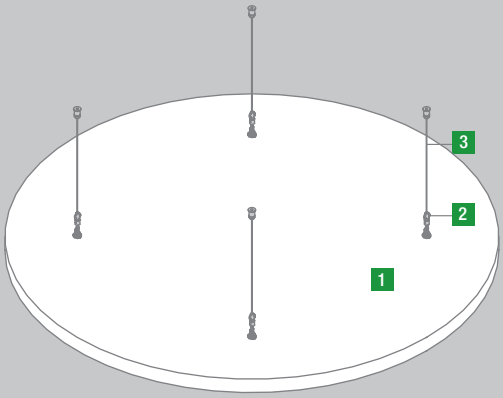
Cable length 1.0 m
Working load 15.6 kg

## Standard forms

### Circular



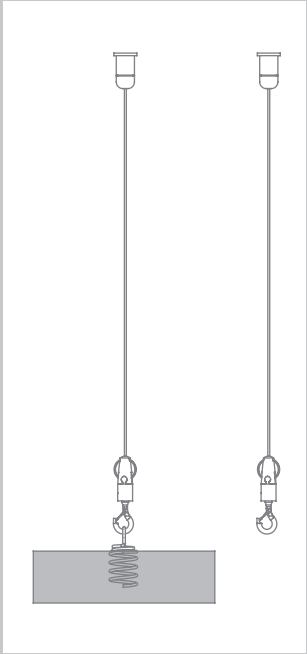



1 TOPIQ® Sonic element
2 Spiral anchor
3 Cable hanger with hooks, cable and ceiling fixings

## Suspension

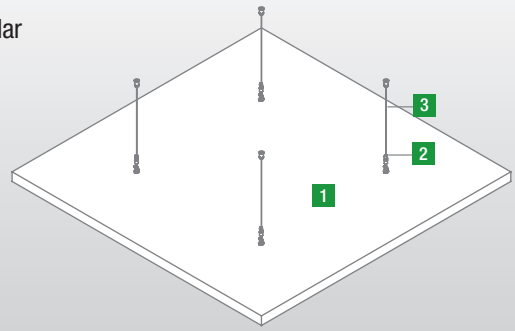
Each ceiling raft is delivered with tension springs (fixing to the raft).
The rafts are suspended with cables fixed with hooks to the tension springs.

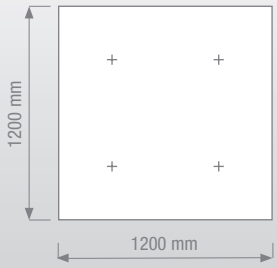
## Details

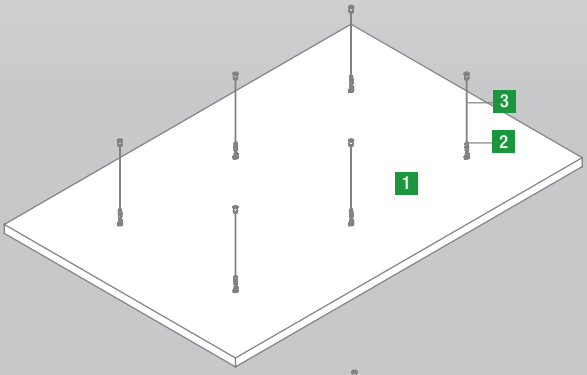


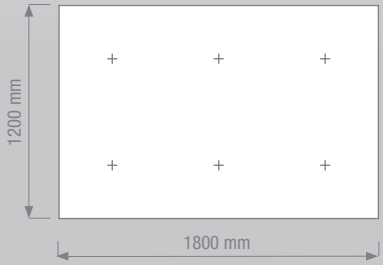
## Standard forms

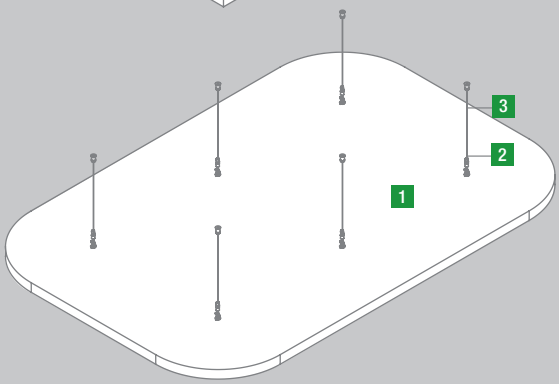
### Rectangular

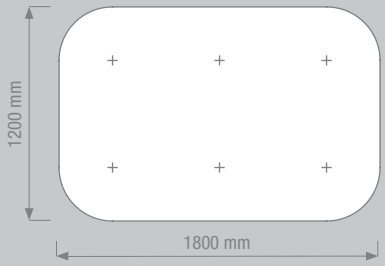


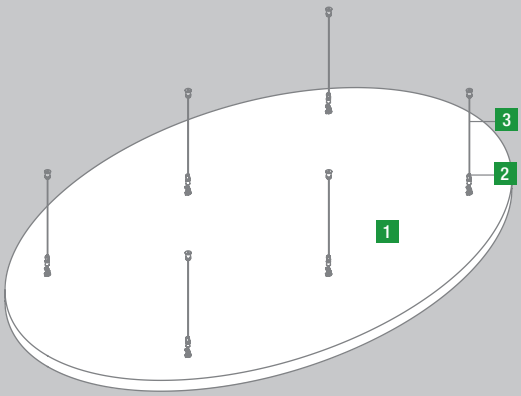



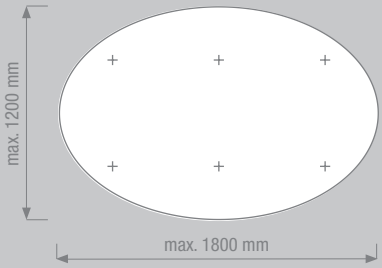




## Standard forms

### Oval



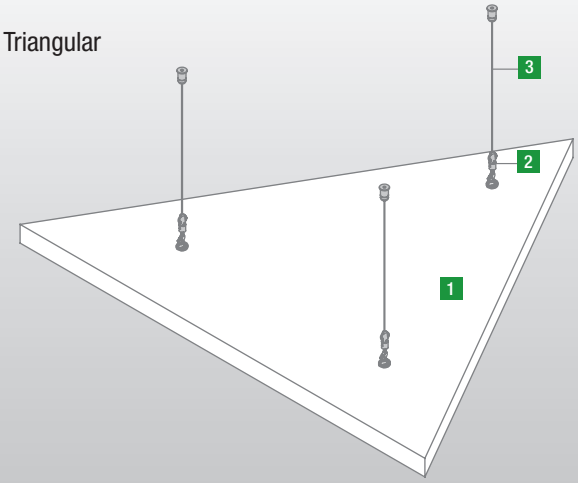



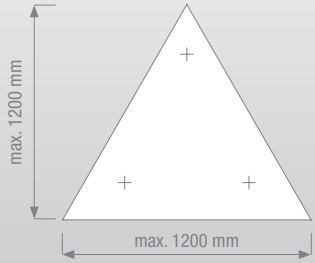



The number of suspension points can vary depending on the size and form of the ceiling raft.

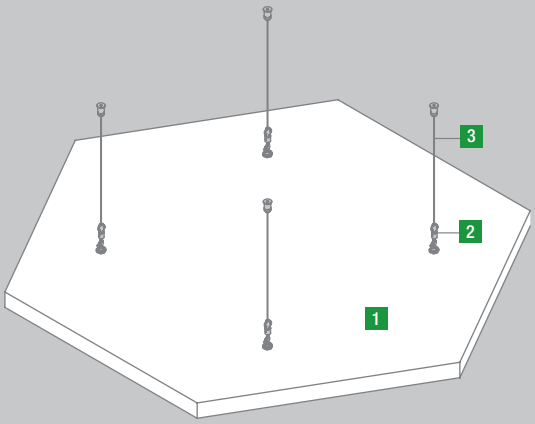
## Special forms

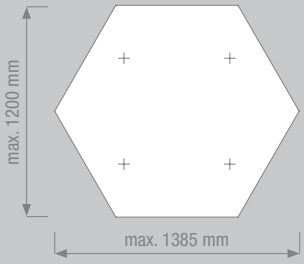
### Triangular



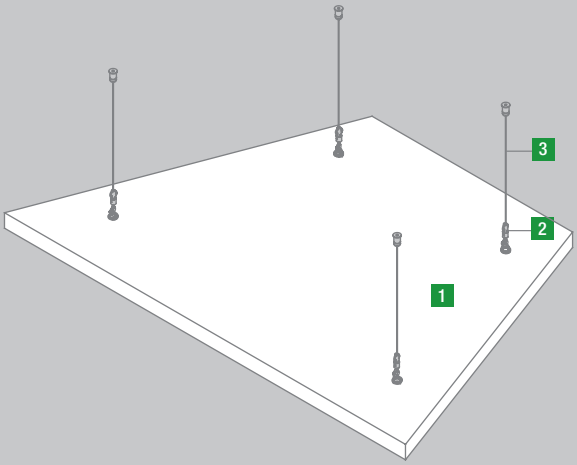



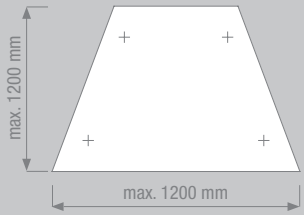

### Hexagonal




### Trapezoid




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

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

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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!

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11/2016