



AMF TOPIQ®

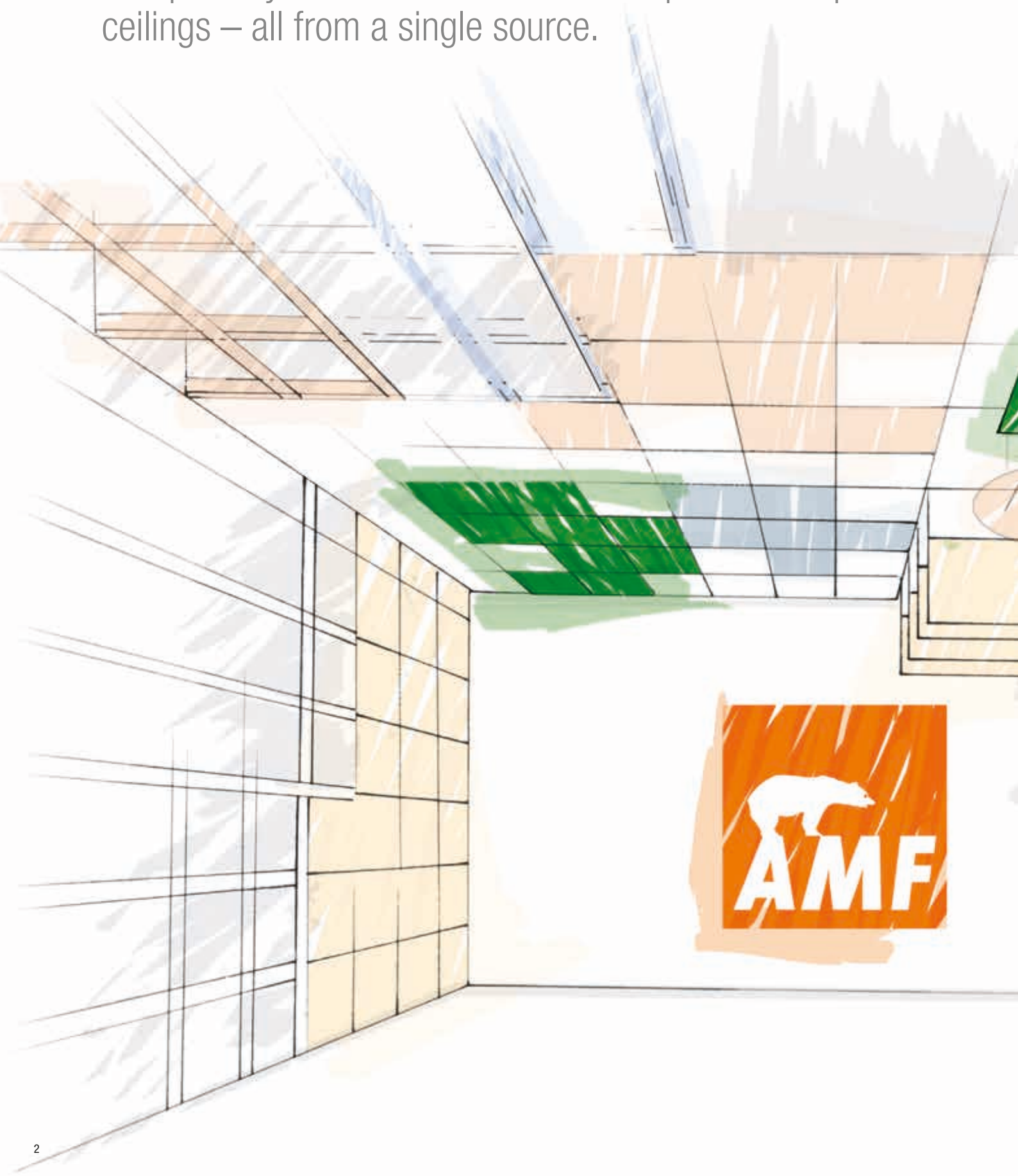
Product Catalogue





Knauf AMF

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



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

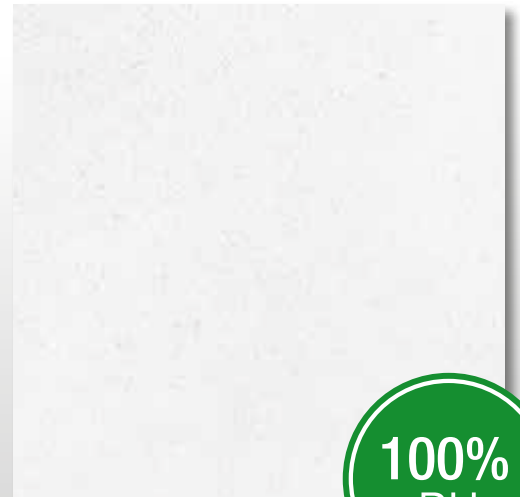
For rooms in which people reside for long periods of time, attention should be given to the design as well as the acoustic performance, in order to create a harmonious and relaxed ambiance.



TOPIQ® Prime

$$\alpha_w = 0.95$$

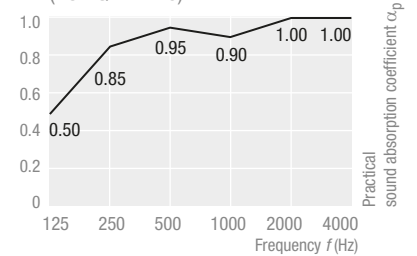
TOPIQ® Prime combines excellent technical performance with simple elegance. Offering class A sound absorption with high humidity resistance good sound attenuation.



Technical Performance

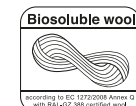
Sound absorption	EN ISO 354 $\alpha_w = 0.95$ according to EN ISO 11654 $NRC = 0.90$ according to ASTM C 423
Sound attenuation	$D_{n,f,w} = 24$ dB according EN ISO 10848
Sound attenuation	$R_w = 13$ dB according EN ISO 10140-2:2010
Humidity resistance	up to 100% relative humidity
Building material class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