

KNAUF

TOPIQ® Alpha

PRODUCT BROCHURE

Build on us.





*KNAUF'S ENHANCED **LAMINATED MINERAL** CEILINGS PORTFOLIO*

Laminated mineral ceilings are characterised by a smooth, white surface appearance and offer excellent acoustics, high fire reaction, and easy handling. These benefits make them an ideal choice for significantly improving acoustic comfort, indoor air quality, and the overall well-being of occupants.

By utilising the strengths of two mineral product technologies – high-density wet-felt and low-density soft-felt – within one portfolio, Knauf provides a unique and comprehensive range of high-quality laminated mineral ceilings.

This enables you to choose from basic, advanced, and premium mineral ceilings, depending on your specific application needs, performance requirements, and budget. The portfolio is now being further enhanced with the introduction of the innovative and improved soft-felt product range, TOPIQ® Alpha.

THE NEW TOPIQ®

Setting new quality and performance standards
in advanced mineral ceiling design.

When we talk about the new TOPIQ®, we mean **TOPIQ® Alpha**. The term 'Alpha' stands for **excellent sound absorption** in combination with **one of the flattest surface appearances** in this product category.

These **lightweight** and **easy-to-install** soft-felt laminated mineral tiles offer a **cost-effective, practical solution** for advanced ceiling designs, meeting your specific needs across diverse segments.



(TOPIQ® Alpha is available in three edge details. From left to right: Board, Tegular 15/90, Tegular 24/90)



TOPIQ® Alpha

BENEFITS



QUALITY LEADING SURFACE

Elevate the appearance of interior ceilings with our new laminated mineral ceiling solutions. The TOPIQ® Alpha range offers **one of the flattest ceiling surfaces in its product category**, creating an aesthetically pleasing environment that enhances the design, value, and longevity of any space.

The **pure, white appearance** of the tiles not only brightens up the room but also contributes to an elegant and contemporary atmosphere, making any space feel more comfortable and welcoming. With its **homogeneous and non-directional surface**, TOPIQ® Alpha provides a seamless and cohesive look that blends effortlessly into any design theme and enhances the overall visual harmony of the space.

TOP PERFORMANCE EXPERIENCE

Create comfortable and safe interiors with TOPIQ® Alpha. Designed for exceptional performance, these soft-felt mineral ceilings meet key industry standards and offer various technical benefits. **Class A sound absorption** ensures quieter spaces, enhancing productivity, concentration, and general comfort.

The **fire reaction** with **Euroclass A1** provides safety for occupants, while **100% humidity resistance** ensures durability even in the most challenging conditions. Additionally, the **high light reflectance of 86%** brightens up any space and reduces the need for artificial lighting.





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HIGH VALUE FOR MONEY

Maximise your investment with high value laminated mineral ceiling solutions that combine **affordability, ease of use**, and **top performance**. TOPIQ® Alpha 15 and 20 are **lightweight** ceiling tiles that are **easy to handle** and make the installation process quick and efficient.

These soft-felt mineral ceilings are designed for high serviceability, allowing for **simple maintenance** and **effortless replacement** when needed. As a **cost-effective solution**, they offer exceptional performance at a competitive price point. Enhance your space without breaking your budget and enjoy the advanced quality and functionality of our new laminated mineral ceilings.

SERVICE ON A NEW LEVEL

Experience best-in-class service with the latest product and production innovations, and **enhanced capabilities** designed to meet all your ceiling solution needs. Our **expanded supply chain network** includes a **new state-of-the-art production facility** in the heart of Europe.

With **increased production capacity**, we can ensure **timely distribution** and efficiently fulfil growing demand. Benefit from high service flexibility paired with **attractive and smart pricing**, providing you with cost-effective solutions without compromising on quality and performance. Our unique service promise includes a **One-Stop-Shop for multi-material offerings** that streamline your sourcing processes.



NEW PRODUCTION FACILITY IN THE HEART OF EUROPE

Our production sites around the world meet the highest international standards – as demonstrated through their multiple ISO certifications. For our business partners, this provides verified assurance about the quality, sustainability, and integrity of the products we supply.

With our new production facility in Illange, France, we are adding another state-of-the-art plant to our comprehensive production network. This new facility has already been honoured with the 'Choose France Award 2024' in the category 'Ecological Transition and Decarbonisation'.

Advantages of our new production facility:

- **Connected Production Processes:** By combining two advanced Knauf production facilities for processing stone wool in one place, you benefit from exceptional product quality from raw material to ceiling tile, as well as Knauf's unique production and logistics synergies.
- **Commitment to Sustainability:** By using clean energy sources including photovoltaic panels, we optimise our CO₂ footprint, underscoring our dedication to sustainable manufacturing practices and supporting our goal to reach net-zero carbon by 2045.
- **State-of-the-Art Manufacturing:** Utilising cutting-edge technologies and the highest levels of automation, we provide consistently high product quality in our new soft-felt mineral ceiling range.
- **Improved Service Level:** With our expanded production facilities, global reach, and optimised supply chain, we ensure reliable stock availability while providing exceptional service.
- **Strategic European Location:** Located in the heart of Europe, our French facility ensures timely product distribution, minimising lead times and enhancing reliability.



MARKET SEGMENTS

From open-plan offices to classrooms, from food courts to sports centres, we combine technical excellence with aesthetics to create ceilings for a variety of market segments.

As each location has specific architectural and performance requirements, our multi-material portfolio offers a wide range of laminated mineral ceiling solutions for every need.





OFFICES

Bring focus and concentration to work through optimum sound absorption and light reflectance.



EDUCATION

Nurture the joy of learning by creating stimulating spaces with high-class acoustic and visual quality.



RETAIL

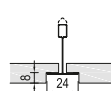
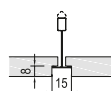









Refine the shopping experience with our vast choice of elegant mineral ceiling designs.



LEISURE & HOSPITALITY

Create welcoming environments through tasteful design, hushed sounds, and enhanced light reflectance.



Characteristics		Detailed information							
Edge details		<div>Board</div> 	<div>Tegular 24/90</div> 			<div>Tegular 15/90</div> 			
Thickness (mm)		15	15			15			
Dimensions (mm)		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600 1250 x 625			600 x 600 625 x 625 1200 x 600 1250 x 625			
System		Exposed demountable – System C							
Weight		2.0 kg / m²							
Colour		<div></div> <div>White</div>							
Sound absorption		EN ISO 354		α _w = 0.95 as per EN ISO 11654 – Class A					
		Frequency f (Hz)		125	250	500	1000	2000	4000
		α _p		0.40	0.90	0.95	0.90	0.95	1.00
		NRC = 0.90 as per ASTM C 423							
Sound attenuation		EN ISO 10848-2 D _{n,f,w} = 24 dB as per EN ISO 717-1 CAC = 25 dB as per ASTM E 413-10							
Sound reduction		EN ISO 10140-2 R _w = 12 dB as per EN ISO 717-1							
Fire reaction		Euroclass A1 as per EN 13501-1 Class A as per ASTM E 84							
Light reflectance		86%							
Humidity resistance		100% RH							
Clean room		Class ISO 5 as per EN ISO 14644-1							
Indoor air quality		<div> A+</div>	<div> E1</div>	<div> IACG</div>					
Cleanability									
Sustainability		<div> 10.1% (2024)</div>	<div> M1+</div>	<div> Blue Angel</div>					



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Characteristics		Detailed information																				
Edge details		<div>Board</div>	<div>Tegular 24/90</div>		<div>Tegular 15/90</div>																	
Thickness (mm)		20	20		20																	
Dimensions (mm)		600 x 600 625 x 625 1200 x 600 1250 x 625	600 x 600 625 x 625 1200 x 600 1250 x 625		600 x 600 625 x 625 1200 x 600 1250 x 625																	
System		Exposed demountable - System C																				
Weight		2.6 kg / m²																				
Colour		<div> White</div>																				
Sound absorption		<div>EN ISO 354 $\alpha_w = 1.00$ as per EN ISO 11654 - Class A</div> <table><tr><th>Frequency f (Hz)</th><th>125</th><th>250</th><th>500</th><th>1000</th><th>2000</th><th>4000</th></tr><tr><td>α_p</td><td>0.55</td><td>0.95</td><td>1.00</td><td>0.90</td><td>1.00</td><td>1.00</td></tr></table> <div>NRC = 0.95 as per ASTM C 423</div>							Frequency f (Hz)	125	250	500	1000	2000	4000	α_p	0.55	0.95	1.00	0.90	1.00	1.00
Frequency f (Hz)	125	250	500	1000	2000	4000																
α_p	0.55	0.95	1.00	0.90	1.00	1.00																
Sound attenuation		<div>EN ISO 10848-2</div> <div>$D_{n,f,w} = 27 \text{ dB}$ as per EN ISO 717-1</div> <div>CAC = 28 dB as per ASTM E 413-10</div>																				
Sound reduction		<div>EN ISO 10140-2</div> <div>$R_w = 13 \text{ dB}$ as per EN ISO 717-1</div>																				
Fire reaction		<div>Euroclass A1 as per EN 13501-1</div> <div>Class A as per ASTM E 84</div>																				
Light reflectance		86%																				
Humidity resistance		100% RH																				
Clean room		Class ISO 4 as per EN ISO 14644-1																				
Indoor air quality		<div> A+</div>	<div> E1</div>	<div> IACG</div>																		
Cleanability																						
Sustainability		<div> 10.1% (2024)</div>	<div> BIOSOLUBLE WOOL EC 1272/2008 Annex G</div>	<div> M1 BUILDING MATERIALS RECYCLING CLASS FOR BUILDING MATERIALS</div>	<div> BLUE ANGEL www.blauer-engel.de/1132</div>																	

TOPIQ® *INSPIRATIONS*









Build on us.

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Daniel Wolf