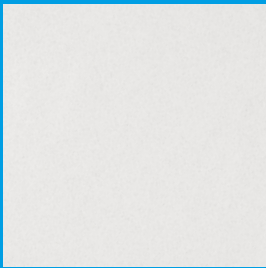


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HYGENA TOPIQ® Alpha 20


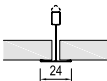
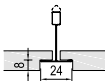
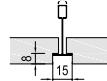


























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HYGENA TOPIQ® Alpha 20 is a lightweight and easy-to-install mineral acoustic ceiling tile made of stone wool with a smooth laminated surface appearance. The surface is washable and antimicrobial.

- Limits the growth of bacteria and fungi
- Cleanable with dry, damp, and wet cloth
- Ideal solution for high humidity areas of up to 100% RH
- Complies with Zone 4 risk requirements according to NF S 90-351:2013
- Excellent sound absorption class A
- Ideal choice for healthcare facilities, the food industry, laboratories or kitchens

Build on us.

Characteristics	Detailed information																					
Edge details		Board 	Tegular 24/90 		Tegular 15/90 																	
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		 White																				
Sound absorption		<div>EN ISO 354<div>$\alpha_w = 1.00$ as per EN ISO 11654 - Class A</div><table><thead><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></thead><tbody><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></tbody></table><div>NRC = 0.95 as per ASTM C 423</div></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																				
Risk level		Zone 4 (Very High Risk) as per NF S 90-351:2013																				
Microbiological cleanliness		M1 as per NF S 90-351:2013																				
Kinetics of particle decontamination		CP_(0.5) 5 as per NF S 90-351:2013																				
Indoor air quality		 A+	 E1	 IACG																		
Cleanability																						
Sustainability		 10.8% (2024)	 EC 1272/2008 Annex Q	 M1+																		
Anti-microbial characteristics		Tested against: <i>Escherichia coli</i> , <i>Staphylococcus aureus</i> , <i>Candida albicans</i> , <i>Aspergillus brasiliensis</i>																				

In addition to risk level, each room type will have specific requirement for the cleanability and air leakage of the ceiling tile. Therefore, a tile which meets risk zone 4 requirements may not necessarily be suitable for all room types defined in risk zone 4.

Product availability may vary from country to country. Please contact your local sales representative.
For further information and legal notice, please visit www.knauf.com.