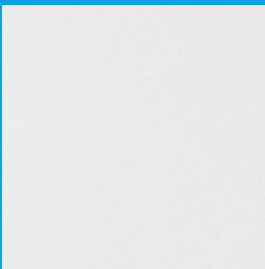


KNAUF

ECOMIN Alpha 15



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ECOMIN Alpha 15 is a cost-effective mineral acoustic ceiling tile that combines good performance with practical benefits. Its lightweight design ensures effortless installation, while its excellent sound absorption makes it ideal for a variety of applications.

- Excellent sound absorption (0.95 α_w and 0.90 NRC)
- Excellent fire reaction (A2-s1, d0)
- Excellent humidity resistance (100% RH)
- Quick and easy to install, maintain, and replace
- Ideal choice for a wide range of spaces

Build on us.

Characteristics	Detailed information													
Edge details	Board 													
Thickness (mm)	15													
Dimensions (mm)	600 x 600 610 x 610 625 x 625 1200 x 600 1220 x 610 1250 x 625													
System	Exposed demountable - System C													
Weight	2.0 kg / m²													
Colour	 White													
Sound absorption	EN ISO 354 $\alpha_w = 0.95$ as per EN ISO 11654 - Class A													
	Frequency f (Hz) α_p	<table border="1"> <thead> <tr> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000</th> </tr> </thead> <tbody> <tr> <td>0.45</td> <td>0.90</td> <td>1.00</td> <td>0.85</td> <td>0.95</td> <td>1.00</td> </tr> </tbody> </table>	125	250	500	1000	2000	4000	0.45	0.90	1.00	0.85	0.95	1.00
	125	250	500	1000	2000	4000								
0.45	0.90	1.00	0.85	0.95	1.00									
NRC = 0.90 as per ASTM C 423														
Sound attenuation	EN ISO 10848-2 $D_{n,r,w} = 24$ dB as per EN ISO 717-1	CAC = 24 dB as per ASTM E 413-10												
Sound reduction	EN ISO 10140-2 $R_w = 11$ dB as per EN ISO 717-1													
Fire reaction	Euroclass A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84													
Light reflectance	80%													
Humidity resistance	100% RH													
Clean room	Class ISO 5 as per EN ISO 14644-1													
Indoor air quality	 A	 E1	 IAC											
Cleanability														
Sustainability	 10.9% (2025)	 EPD Verified	 BIOSOLUBLE WOOL EC 1272/2008 Annex G	 M1 BEST EMISSION CLASS FOR BUILDING MATERIALS	 BLUE ANGEL THE GERMAN ECO LABEL www.blauer-engel.de/uz132									