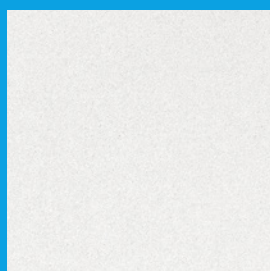


KNAUF

ADAGIO dB⁺ *Mineral ceiling*



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ADAGIO dB+ is a premium mineral acoustic ceiling tile that offers excellent sound attenuation in combination with a pristine white surface finish. Thanks to its exceptional air permeability (no filter effect), the surface remains whiter and brighter for longer.

- Excellent sound attenuation (24mm: 41 dB / 30mm: 43 dB)
- Good sound absorption (0.65(H) α_w and 0.70 NRC)
- Excellent light reflectance (88%)
- Unparalleled scratch resistance
- Ideal choice for private offices

Build on us.

Characteristics		Detailed information						
Edge details		Board 	Tegular 24/90 	Tegular 15/90 				
Thickness (mm)		24, 30	24	24				
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		Exposed demountable - System C Exposed - Bandraaster, demountable - System I.3 Exposed - Corridor, demountable - System F.3				
Weight		8.6 kg/m ² (24mm) 10.6 kg/m ² (30mm)						
Colour		 White						
Sound absorption		EN ISO 354		$\alpha_w = 0.65$ (H) as per EN ISO 11654 - Class C				
		Frequency f (Hz)	125	250	500	1000	2000	4000
		α_p 24 mm	0.40	0.45	0.60	0.80	0.85	0.85
		α_p 30mm	0.35	0.40	0.65	0.85	0.90	0.95
NRC = 0.70 as per ASTM C 423								
Sound attenuation		EN ISO 10848-2 D _{n,f,w} = 41 dB (24mm) as per EN ISO 717-1 D _{n,f,w} = 43 dB (30mm) as per EN ISO 717-1		CAC = 43 dB (24mm) as per ASTM E 413-10 CAC = 44 dB (30mm) as per ASTM E 413-10				
Sound reduction		EN ISO 10140-2 R _w = 24 dB (24mm) as per EN ISO 717-1		R _w = 25 dB (30mm) as per EN ISO 717-1				
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1						
Light reflectance		88%						
Thermal conductivity		$\lambda = 0.040$ W/mk as per EN 12667						
Air permeability		PM1 (≤ 30 m ³ /hm ²) as per DIN 18177						
Humidity resistance		95% RH						
Clean room		ISO 4 as per EN ISO 14644-1						
Indoor air quality		 A+	 E1	 INDOOR AIR COMFORT eurolife GOLD CERTIFIED PRODUCT IACG				
Cleanability								
Sustainability		 36.8-37.4% (2024)		 EC 1272/2008 Annex G	 M1+ EMMISSION CLASS FOR BUILDING MATERIALS	 cradle to cradle BRONZE	 www.blauer-engel.de/uz132	