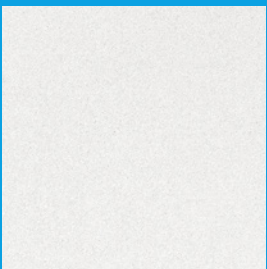


# KNAUF

## ADAGIO HD+ 35 mm Mineral ceiling



© Rendering

ADAGIO HD+ 35mm is a premium mineral acoustic ceiling tile that offers optimal acoustics with superior absorption, attenuation, and a durable surface. Thanks to its exceptional air permeability (no filter effect), the surface remains whiter and brighter for longer.

- Excellent sound absorption (0.90  $\alpha_w$  and 0.90 NRC)
- Excellent sound attenuation (43 dB)
- Excellent light reflectance (88%)
- Unparalleled scratch resistance
- Ideal choice for private offices, classrooms and auditoriums

## Build on us.

Characteristics	Detailed information							
Edge details		Board 	Tegular 24/90 	Tegular 15/90 	SL2 			
Thickness (mm)		35	35	35	35			
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 1350 x 300 1350 x 600	1350 x 300 1350 x 600 1500 x 300 1800 x 300 2000 x 300			
System		Exposed demountable - System C		Exposed, demountable - System C Exposed - Bandraaster, demountable - System I.3 Exposed - Corridor, demountable - System F.3		Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraaster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2		
Weight		9.5 kg / m <sup>2</sup>						
Colour		 White						
Sound absorption		EN ISO 354 <span style="float: right;"><math>\alpha_w = 0.90</math> as per EN ISO 11654 - Class A</span>						
		Frequency f (Hz)	125	250	500	1000	2000	4000
		$\alpha_p$	0.40	0.70	0.85	0.95	1.00	1.00
		NRC = 0.90 as per ASTM C 423						
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 43$ dB as per EN ISO 717-1		CAC = 44 dB as per ASTM E 413-10				
Sound reduction		EN ISO 10140-2 $R_w = 25$ dB as per EN ISO 717-1						
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1						
Light reflectance		88%						
Thermal conductivity		$\lambda = 0.060$ W/mk as per EN 12667						
Air permeability		PM1 ( $\leq 30$ m <sup>3</sup> /hm <sup>2</sup> ) as per DIN 18177						
Humidity resistance		95% RH						
Clean room		ISO 4 as per EN ISO 14644-1						
Indoor air quality		 A+	 E1	 IACG				
Cleanability								
Sustainability		 EN 15804	 EC 1272/2008 Annex G	 M1+	 cradle to cradle BRONZE	 www.blauer-engel.de/uz132		