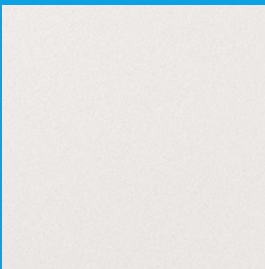


KNAUF

Armstrong PERLA OP 0.95



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Armstrong PERLA OP 0.95 is a Cradle to Cradle Certified® Bronze range with a smooth laminated finish and excellent Class A sound absorption, making it ideal for open plan areas

- Excellent sound absorption ($0.95 \alpha_w$)
- PERLA OP 19mm planks are available, see separate datasheet
- Good light reflectance (85%)
- ISO 5
- Ideal for open spaces (call centres, libraries, cafeterias, etc.)

Build on us.

Armstrong PERLA OP 0.95

Characteristics		Detailed information																				
Edge details		Board	Tegular 24		Tegular 15																	
Additional edge details on request																						
Thickness (mm)		15	15		15																	
Dimensions (mm)		600 x 600 675 x 675 1200 x 600	600 x 600 1200 x 600		600 x 600 675 x 675 1200 x 600																	
System		Exposed demountable – System C																				
Weight		2.4 – 2.6 kg/m²																				
Colour		 White																				
Sound absorption		EN ISO 354 α_w = 0.95 as per EN ISO 11654 – Class A <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>0.45</td><td>0.80</td><td>0.95</td><td>0.90</td><td>1.00</td><td>1.00</td></tr></table> NRC = 0.90 as per ASTM C 423							Frequency f (Hz)	125	250	500	1000	2000	4000	α_p	0.45	0.80	0.95	0.90	1.00	1.00
Frequency f (Hz)	125	250	500	1000	2000	4000																
α_p	0.45	0.80	0.95	0.90	1.00	1.00																
Sound attenuation		EN ISO 10848-2 $D_{n,f,w}$ = 25 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 A2-s1, d0 as per EN 13501-1 Class A as per ASTM E 84																				
Light reflectance		85%																				
Thermal conductivity		λ = 0.060 W/mK as per EN 12667																				
Humidity resistance		95% RH																				
Clean room		ISO 4 as per EN ISO 14644-1																				
Indoor air quality		 A+	 E1	 IACG																		
Cleanability																						
Sustainability		 58.1–63.6% (2023)	 EN 15804	 BIOSOLUBLE WOOL EC 1272/2008 Annex Q	 CERTIFIED cradle to cradle BRONZE																	