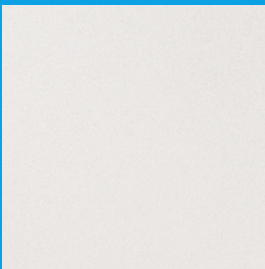


KNAUF

Armstrong PERLA OP 1.00



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Armstrong PERLA OP 1.00 is a C2C Bronze certified range with a smooth laminated finish and offers excellent sound absorption ($1.00 \alpha_w$), making it ideal for open plan areas

- Excellent sound absorption ($1.00 \alpha_w$)
- Good light reflectance (85%)
- ISO 4
- Ideal for open spaces (call centres, libraries, cafeterias, etc.)

Build on us.

Armstrong PERLA OP 1.00

Characteristics		Detailed information						
Edge details Additional edge details on request		Board 	Tegular 24 	Tegular 15/90 				
Thickness (mm)		20	20	20				
Dimensions (mm)		600 x 600 675 x 675 1200 x 600	600 x 600 675 x 675 1200 x 600	600 x 600 675 x 675 1200 x 600				
System		Exposed demountable - System C						
Weight		3.1 kg / m²						
Colour		 White						
Sound absorption		EN ISO 354 $\alpha_w = 1.00$ as per EN ISO 11654 - Class A						
		Frequency f (Hz)	125	250	500	1000	2000	4000
		α_p	0.50	0.85	0.95	0.95	1.00	1.00
		NRC = 0.95 as per ASTM C 423						
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						
Light reflectance		85%						
Thermal conductivity		$\lambda = 0.040$ 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		 73.7% (2023)	 EN 15804	 BIOSOLUBLE WOOL EC 1272/2008 Annex Q	 M1 EMISSION CLASS FOR BUILDING MATERIALS	 cradle to cradle BRONZE		