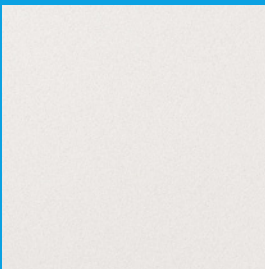


KNAUF

Armstrong PERLA OP19



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Armstrong PERLA OP19 Planks provide a smooth white laminated finish, and with excellent Class A sound absorption and good sound attenuation, they are the ideal solution for both open plan and corridor applications

- Excellent sound absorption ($0.90 \alpha_w$) and good sound attenuation (34 dB)
- Good light reflectance (85%)
- ISO 5
- Ideal for open spaces (call centres, libraries, cafeterias, etc.) as well as corridors

Build on us.

Characteristics		Detailed information															
Edge details Additional edge details on request		Board 	SL2 														
Thickness (mm)		19	19														
Dimensions (mm)		1500 x 600 1800 x 600	1500 x 300 1800 x 300														
System		Exposed demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3	Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2														
Weight		5.2 kg / m²															
Colour		 White															
Sound absorption		EN ISO 354 $\alpha_w = 0.90$ as per EN ISO 11654 - Class A <table border="1"> <thead> <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> </thead> <tbody> <tr> <td>α_p</td> <td>0.45</td> <td>0.70</td> <td>0.80</td> <td>0.90</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> NRC = 0.85 as per ASTM C 423		Frequency f (Hz)	125	250	500	1000	2000	4000	α_p	0.45	0.70	0.80	0.90	1.00	1.00
Frequency f (Hz)	125	250	500	1000	2000	4000											
α_p	0.45	0.70	0.80	0.90	1.00	1.00											
Sound attenuation		EN ISO 10848-2 $D_{n,t,w} = 34$ dB as per EN ISO 717-1 CAC = 35 dB as per ASTM E 413-10															
Fire reaction		Euroclass A2-s1, d0 as per EN 13501-1															
Light reflectance		85%															
Thermal conductivity		$\lambda = 0.060$ 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 5 as per EN ISO 14644-1															
Indoor air quality		 A+	 E1	 IACG													
Cleanability																	
Sustainability		 49.1%	 EN 15804	 EC 1272/2008 Annex O	 M1	 cradle to cradle BRONZE	 www.blauer-engel.de/uz132										