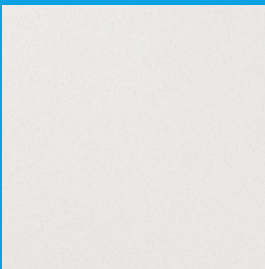


# KNAUF

## Armstrong PERLA dB



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Armstrong PERLA dB is a C2C Bronze certified range with a smooth laminated finish providing enhanced sound attenuation performance for improving the privacy between adjacent spaces

- Good sound absorption (0.60(H)  $\alpha_w$ )
- Excellent light reflectance (88%)
- ISO 5
- Ideal for individual offices

## Build on us.

Characteristics		Detailed information							
Edge details Additional edge details on request		<b>Board</b> 	<b>Tegular 24</b> 				<b>Tegular 15/90</b> 		
Thickness (mm)		19	19				19		
Dimensions (mm)		600 x 600	600 x 600				600 x 600		
System		Exposed demountable – System C							
Weight		<b>8.1 kg / m<sup>2</sup></b>							
Colour		 White							
Sound absorption		EN ISO 354		$\alpha_w = 0.60(H)$ as per EN ISO 11654 - Class C					
		Frequency f (Hz)		125	250	500	1000	2000	4000
		$\alpha_p$		0.40	0.40	0.55	0.75	0.85	0.95
NRC = <b>0.65</b> as per ASTM C 423									
Sound attenuation		EN ISO 10848-2 $D_{n,f,w} = 41$ dB as per EN ISO 717-1		CAC = <b>42</b> dB as per ASTM E 413-10					
Sound reduction		EN ISO 10140-2 $R_w = 21$ dB as per EN ISO 717-1							
Fire reaction		Euroclass <b>A2-s1, d0</b> as per EN 13501-1							
Light reflectance		<b>88%</b>							
Thermal conductivity		$\lambda = 0.040$ W/mk as per EN 12667							
Air permeability		<b>PM1</b> ( $\leq 30$ m <sup>3</sup> /hm <sup>2</sup> ) as per DIN 18177							
Humidity resistance		<b>95% RH</b>							
Clean room		ISO 5 as per EN ISO 14644-1							
Indoor air quality		 A+	 E1	 IACG					
Cleanability									
Sustainability		 37.2% (2023)	 EN 15804	 EC 1272/2008 Annex G			 <a href="http://www.blauer-engel.de/uz132">www.blauer-engel.de/uz132</a>		