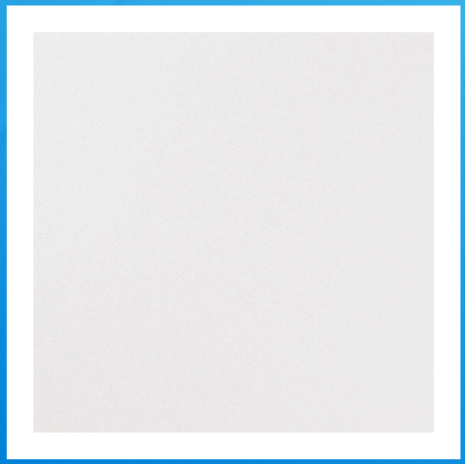
KNAUF CEILING Solutions



ARMSTRONG PERLA



- Armstrong PERLA is a C2C Bronze certified range with a smooth laminated finish providing balanced acoustic performance of both sound absorption and sound attenuation
- Good sound absorption (0.65(H) α_w) and sound attenuation (38 dB)
- Excellent light reflectance (88%)
- ISO 5
- Ideal for office and learning applications

ISO 9001 ISO 14001

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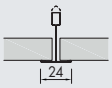
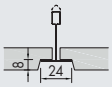
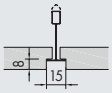
Armstrong CEILING SOLUTIONS

ARMSTRONG PERLA

KNAUFCEILING Solutions

	Board	Tegular 24	Tegular 15/90
Edge details Additional edge details on request			
Thickness (mm)	17	17	17
Dimensions (mm) Additional sizes on request	600 x 600	600 x 600	600 x 600
System	Exposed demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3		
Weight	4.6 kg / m²		
Colour	White		
Sound absorption	EN ISO 354 α_w = **0.65(H)** as per EN ISO 11654 - **Class C**		

Frequency f (Hz)	125	250	500	1000	2000	4000
α_p	0.40	0.45	0.60	0.80	0.90	0.90

NRC = **0.70** as per ASTM C 423

Sound attenuation	EN ISO 10848-2 $D_{n,f,w}$ = **36 dB** as per EN ISO 717-1
Sound reduction	EN ISO 10140-2 R_w = **18 dB** as per EN ISO 717-1
Fire reaction	Euroclass **A2-s1, d0** as per EN 13501-1 — RUS **KM1 (G1, V1, D1, T1)** as per FZ 123
Light reflectance	**88%**
Thermal conductivity	λ = **0.060 W/m K** as per EN 12667
Air permeability	**PM1 (≤ 30 m³/hm²)** as per DIN 18177
Humidity resistance	**95% RH**
Clean room	**ISO 5** as per EN ISO 14644-1
Indoor air quality	A+ E1
Cleanability	
Sustainability	39 - 41%

Products may vary from country to country. Please contact your local sales representative.
For further information and legal notice, please visit our website.