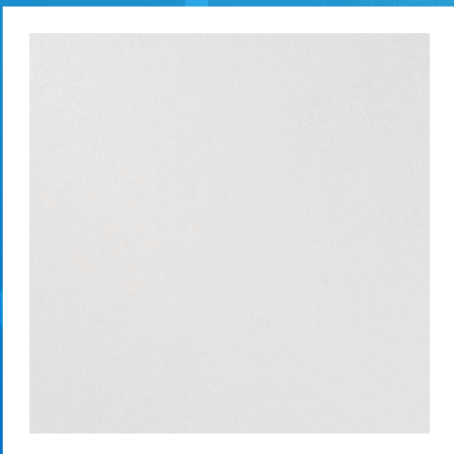




ARMSTRONG PERLA OP 1.00

- 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.)



ARMSTRONG PERLA OP 1.00

| Edge details Additional edge details on request | | Board | Tegular 24 | Tegular 15/90 | | | | | | | | | | | | | | |
|---|------|---|--------------------------------------|--|------------------|------|-----|-----|------|------|------|------------|------|------|------|------|------|------|
| Thickness (mm) | | 20 | 20 | 20 | | | | | | | | | | | | | | |
| Dimensions (mm) Additional sizes on request | | 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 / m ² | | | | | | | | | | | | | | | | |
| Colour | | White | | | | | | | | | | | | | | | | |
| Sound absorption | | EN ISO 354 $\alpha_w = 1.00$ 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>0.50</td> <td>0.85</td> <td>0.95</td> <td>0.95</td> <td>1.00</td> <td>1.00</td> </tr> </tbody> </table> NRC = 0.95 as per ASTM C 423 | | | Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | α_p | 0.50 | 0.85 | 0.95 | 0.95 | 1.00 | 1.00 |
| Frequency f (Hz) | 125 | 250 | 500 | 1000 | 2000 | 4000 | | | | | | | | | | | | |
| α_p | 0.50 | 0.85 | 0.95 | 0.95 | 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 RUS KM1 (G1, V1, D1, T1) as per 123-FZ | | | | | | | | | | | | | | | | |
| 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% | EN ISO 14025 | Woolmark Cradle to cradle BRONZE | | | | | | | | | | | | | | |

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