



ARMSTRONG SAHARA

- Armstrong SAHARA features a lightly textured and microperforated surface combining good sound absorption and sound attenuation performance
- Good sound absorption (0.60 α_w) and sound attenuation (34 dB)
- Good light reflectance (85%)
- Ideal for office and learning applications



Edge details Additional edge details on request																						
Thickness (mm)	Board: 15 Tegular 24: 15 Tegular 15: 15 Vector: 24 SL2: 19																					
Dimensions (mm) Additional sizes on request	Board: 600 x 600, 675 x 675, 1200 x 600 Tegular 24: 600 x 600, 675 x 675, 1200 x 600 Tegular 15: 600 x 600, 675 x 675, 1200 x 600 Vector: 600 x 600 SL2: 1500 x 300, 1800 x 300, 2500 x 300																					
System	Exposed demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3 Semi-concealed tiles, demountable - System C Semi-concealed planks, demountable - System I.3 Semi-concealed planks - Bandraster, demountable - System I.2 Semi-concealed planks - Corridor, demountable - System F.2																					
Weight	3.7 - 5.0 kg / m ² (15mm - 19mm) 9.0 kg / m ² (24mm)																					
Colour	White																					
Sound absorption	EN ISO 354 $\alpha_w = 0.60$ as per EN ISO 11654 - Class C <table border="1" data-bbox="464 1041 1453 1144"> <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 Board, Tegular, Vector</td> <td>0.45</td> <td>0.40</td> <td>0.55</td> <td>0.65</td> <td>0.65</td> <td>0.60</td> </tr> <tr> <td>SL2</td> <td>0.35</td> <td>0.45</td> <td>0.60</td> <td>0.65</td> <td>0.55</td> <td>0.45</td> </tr> </tbody> </table> NRC = 0.55 as per ASTM C 423	Frequency f (Hz)	125	250	500	1000	2000	4000	α_p Board, Tegular, Vector	0.45	0.40	0.55	0.65	0.65	0.60	SL2	0.35	0.45	0.60	0.65	0.55	0.45
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Sound attenuation	EN ISO 10848-2 $D_{n,f,w} = 34 \text{ dB}$ (15mm & 24mm) as per EN ISO 717-1 $D_{n,f,w} = 38 \text{ dB}$ (19mm) as per EN ISO 717-1																					
Sound reduction	EN ISO 10140-2 $R_w = 17 \text{ dB}$ (15mm) as per EN ISO 717-1 $R_w = 21 \text{ dB}$ (19mm) 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	85%																					
Thermal conductivity	$\lambda = 0.060 \text{ W/m K}$ as per EN 12667																					
Humidity resistance	95% RH																					
Indoor air quality																						
Cleanability																						
Sustainability	37 - 43%																					

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