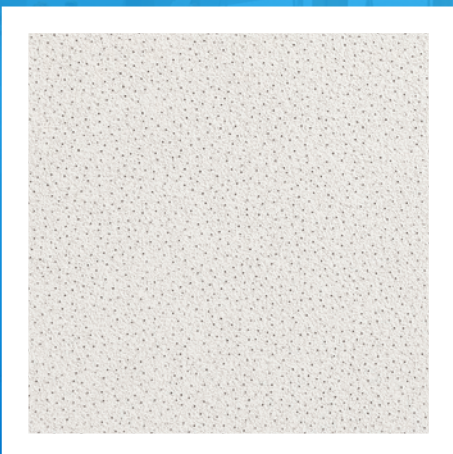




## ARMSTRONG SAHARA

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



# ARMSTRONG SAHARA

<b>Edge details</b> Additional edge details on request																								
<b>Thickness (mm)</b>	Board: 15 Tegular 24: 15 Tegular 15: 15 SL2: 19																							
<b>Dimensions (mm)</b> Additional sizes on request	Board: 600 x 600, 675 x 675, 1200 x 600, 1500 x 300, 1800 x 300 Tegular 24: 600 x 600, 675 x 675, 1200 x 600 Tegular 15: 600 x 600, 675 x 675, 1200 x 600, 1200 x 300 SL2: 1500 x 300, 1800 x 300, 2500 x 300																							
<b>System</b>	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 - Corridor, demountable - System F.2																							
<b>Weight</b>	3.7 - 5.0 kg / m <sup>2</sup> (15 - 19mm)																							
<b>Colour</b>	White																							
<b>Sound absorption</b>	EN ISO 354 $\alpha_w = 0.60$ as per EN ISO 11654 - <b>Class C</b> <table border="1" data-bbox="464 1032 1453 1137"> <thead> <tr> <th colspan="2">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 rowspan="2"><math>\alpha_p</math></td> <td>Board, Tegular</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 = <b>0.55</b> as per ASTM C 423	Frequency f (Hz)		125	250	500	1000	2000	4000	$\alpha_p$	Board, Tegular	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
Frequency f (Hz)		125	250	500	1000	2000	4000																	
$\alpha_p$	Board, Tegular	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																	
<b>Sound attenuation</b>	EN ISO 10848-2 $D_{n,f,w} = 34 \text{ dB}$ (15mm) as per EN ISO 717-1 CAC = <b>35 dB</b> (15mm) as per ASTM E 413-10 $D_{n,f,w} = 38 \text{ dB}$ (19mm) as per EN ISO 717-1 CAC = <b>39 dB</b> (19mm) as per ASTM E 413-10																							
<b>Sound reduction</b>	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																							
<b>Fire reaction</b>	Euroclass <b>A2-s1, d0</b> as per EN 13501-1 RUS <b>KM1 (G1, V1, D1, T1)</b> as per 123-FZ																							
<b>Light reflectance</b>	<b>85%</b>																							
<b>Thermal conductivity</b>	$\lambda = 0.060 \text{ W/mk}$ as per EN 12667																							
<b>Humidity resistance</b>	<b>95% RH</b>																							
<b>Indoor air quality</b>																								
<b>Cleanability</b>																								
<b>Sustainability</b>	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.