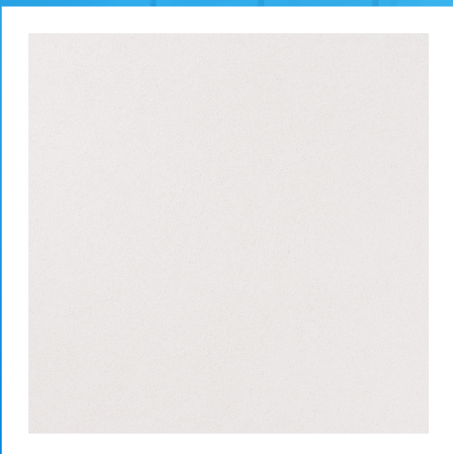




## ARMSTRONG SIERRA

- Armstrong SIERRA is a non-directional laminated ceiling tile offering a good combination of sound absorption and sound attenuation
- Good sound absorption (0.70(H)  $\alpha_w$ )
- Good light reflectance (86%)
- ISO 5
- Ideal for office and learning applications



# ARMSTRONG SIERRA

<b>Edge details</b> Additional edge details on request	Board 	Tegular 24 	Tegular 15 														
<b>Thickness (mm)</b>	13	13	13														
<b>Dimensions (mm)</b> Additional sizes on request	600 x 600 1200 x 600	600 x 600	600 x 600														
<b>System</b>	Exposed demountable - System C Exposed - Bandraster, demountable - System I.3 Exposed - Corridor, demountable - System F.3																
<b>Weight</b>	3.0 kg / m <sup>2</sup>																
<b>Colour</b>	White																
<b>Sound absorption</b>	EN ISO 354 $\alpha_w = \mathbf{0.70(H)}$ as per EN ISO 11654 - <b>Class C</b> <table border="1" data-bbox="467 927 1452 1003"> <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><math>\alpha_p</math></td> <td>0.40</td> <td>0.60</td> <td>0.60</td> <td>0.75</td> <td>0.90</td> <td>1.00</td> </tr> </tbody> </table> NRC = <b>0.70</b> as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	$\alpha_p$	0.40	0.60	0.60	0.75	0.90	1.00
Frequency f (Hz)	125	250	500	1000	2000	4000											
$\alpha_p$	0.40	0.60	0.60	0.75	0.90	1.00											
<b>Sound attenuation</b>	EN ISO 10848-2 $D_{n,f,w} = \mathbf{28\ dB}$ as per EN ISO 717-1																
<b>Fire reaction</b>	Euroclass <b>A2-s1, d0</b> as per EN 13501-1		<b>RUS KM1 (G1, V1, D1, T1)</b> as per FZ 123														
<b>Light reflectance</b>	<b>86%</b>																
<b>Thermal conductivity</b>	$\lambda = \mathbf{0.060\ W/m\ K}$ as per EN 12667																
<b>Humidity resistance</b>	<b>90% RH</b>																
<b>Clean room</b>	<b>ISO 5</b> as per EN ISO 14644-1																
<b>Indoor air quality</b>	A	E1															
<b>Cleanability</b>																	
<b>Sustainability</b>	EN ISO 14021 46% BIOBOLUBLE WOOL EC 1272/2008 Annex Q BLAUER ENGEL 100% UMWELTSCHAFFEND																

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