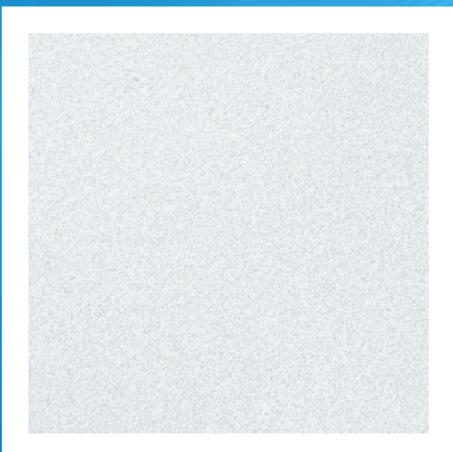




## ARMSTRONG BIOGUARD ACOUSTIC

- Armstrong BIOGUARD ACOUSTIC combines excellent cleanability, resistance to disinfectants and sound absorption. Along with its antimicrobial performance, it is an ideal solution for healthcare environments
- Good sound absorption (0.60(H)  $\alpha_w$ ) and sound attenuation (36 dB)
- Good light reflectance (85%)
- ISO 4
- Ideal for healthcare environments with average or severe risk of infection



# ARMSTRONG BIOGUARD ACOUSTIC

<b>Edge details</b>  Additional edge details on request		Board 	Tegular 24 		Tegular 15 															
<b>Thickness (mm)</b>		17	17		17															
<b>Dimensions (mm)</b>  Additional sizes on request		600 x 600 1200 x 600	600 x 600 1200 x 600		600 x 600 1200 x 600															
<b>System</b>		Exposed demountable - System C																		
<b>Weight</b>		4.5 kg / m²																		
<b>Colour</b>		White																		
<b>Sound absorption</b>		<div>EN ISO 354</div> <div><math>\alpha_w = \mathbf{0.60(H)}</math> as per EN ISO 11654 - <b>Class C</b></div> <table><tr><td>Frequency <i>f</i> (Hz)</td><td>125</td><td>250</td><td>500</td><td>1000</td><td>2000</td><td>4000</td></tr><tr><td><math>\alpha_p</math></td><td>0.35</td><td>0.40</td><td>0.50</td><td>0.70</td><td>0.85</td><td>0.90</td></tr></table> <div>NRC = <b>0.60</b> as per ASTM C 423</div>					Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000	$\alpha_p$	0.35	0.40	0.50	0.70	0.85	0.90
Frequency <i>f</i> (Hz)	125	250	500	1000	2000	4000														
$\alpha_p$	0.35	0.40	0.50	0.70	0.85	0.90														
<b>Sound attenuation</b>		<div>EN ISO 10848-2</div> <div><math>D_{n,f,w} = \mathbf{36\ dB}</math> as per EN ISO 717-1</div> <div>CAC = <b>37 dB</b> as per ASTM E 413-10</div>																		
<b>Sound reduction</b>		<div>EN ISO 10140-2</div> <div><math>R_w = \mathbf{18\ dB}</math> as per EN ISO 717-1</div>																		
<b>Fire reaction</b>		<div>Euroclass <b>A2-s1, d0</b> as per EN 13501-1</div> <div>RUS <b>KM1 (G1, V1, D1, T1)</b> as per 123-FZ</div>																		
<b>Light reflectance</b>		<b>85%</b>																		
<b>Thermal conductivity</b>		$\lambda = \mathbf{0.060\ W/mk}$ as per EN 12667																		
<b>Humidity resistance</b>		<b>95% RH</b>																		
<b>Clean room</b>		<b>ISO 4</b> as per EN ISO 14644-1																		
<b>Indoor air quality</b>		 A+	 E1	 IACG																
<b>Cleanability</b>																				
<b>Sustainability</b>	 EN ISO 14021 42%	 EPD EN ISO 14025	 BIOSOLUBLE WOOL EC 1272/2008 Annex G																	

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