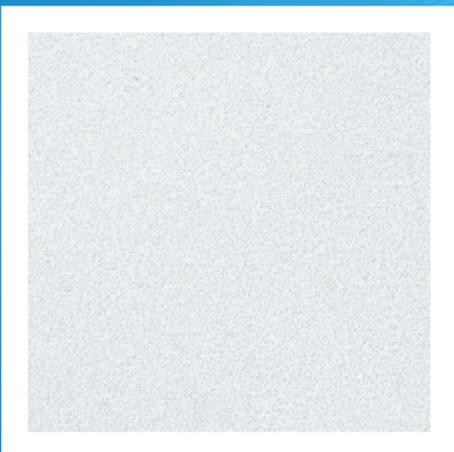




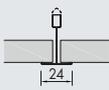
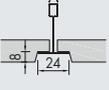
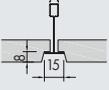
ARMSTRONG BIOGUARD ACOUSTIC



- 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) α_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

Edge details Additional edge details on request	Board 	Tegular 24 	Tegular 15 														
Thickness (mm)	17	17	17														
Dimensions (mm) Additional sizes on request	600 x 600 1200 x 600	600 x 600 1200 x 600	600 x 600 1200 x 600														
System	Exposed demountable - System C																
Weight	4.5 kg / m ²																
Colour	White																
Sound absorption	EN ISO 354 $\alpha_w = \mathbf{0.60(H)}$ as per EN ISO 11654 - Class C <table border="1" data-bbox="459 875 1453 954"> <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>0.35</td> <td>0.40</td> <td>0.50</td> <td>0.70</td> <td>0.85</td> <td>0.90</td> </tr> </tbody> </table> NRC = 0.60 as per ASTM C 423			Frequency f (Hz)	125	250	500	1000	2000	4000	α_p	0.35	0.40	0.50	0.70	0.85	0.90
Frequency f (Hz)	125	250	500	1000	2000	4000											
α_p	0.35	0.40	0.50	0.70	0.85	0.90											
Sound attenuation	EN ISO 10848-2 $D_{n,f,w} = \mathbf{36\ dB}$ as per EN ISO 717-1 CAC = 37 dB as per ASTM E 413-10																
Sound reduction	EN ISO 10140-2 $R_w = \mathbf{18\ dB}$ 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	$\lambda = \mathbf{0.060\ W/mk}$ 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	 EN ISO 14021 42%  EN ISO 14025  Woolsoluble 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.