



ARMSTRONG BIOGUARD® ACOUSTIC

BENEFITS

- Special anti-microbial performance to assist with infection control
- Clean room performance : ISO 3 (Class 1)
- Durable, washable, soil resistant, water repellent
- High acoustic performance
- High light reflective finish
- Resistance to growth of mould

APPLICATION AREAS

- Healthcare (Severe & Very High Risk Zones)
 - Emergency Rooms
 - Neonatology
 - Burns units
 - Oncology
 - ICU & ICCU
- Cleanrooms
- Corridors / Lobbies

	Board	Tegular 24	Tegular 15/90														
Edge Details	Prelude 24 mm	Prelude 24 mm	Suprafine 15 mm / Silhouette														
Thickness (mm)	19mm	5mm, 8mm, 15°, 19mm	4.5mm, 8mm, 19mm														
Dimensions(mm) Tiles 600 x 600 x 19 mm 600 x 1200 x 19 mm	BP51861 BP51871	BP51881 BP51891	BP51901 BP51911														
Weight	$\cong 5.29 \text{ kgs/m}^2$																
Colour	White																
Sound absorption	NRC = 0.70	<table border="1"> <thead> <tr> <th>Frequency f (Hz)</th> <th>125</th> <th>250</th> <th>500</th> <th>1000</th> <th>2000</th> <th>4000 Hz</th> </tr> </thead> <tbody> <tr> <td>Partical sound</td> <td>• 0.35</td> <td>0.40</td> <td>0.60</td> <td>0.80</td> <td>0.95</td> <td>1.00 α_p</td> </tr> </tbody> </table>		Frequency f (Hz)	125	250	500	1000	2000	4000 Hz	Partical sound	• 0.35	0.40	0.60	0.80	0.95	1.00 α_p
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Sound attenuation	CAC = 40 dB																
Fire reaction	A2-s1, d0 as per EN 13501-1																
Light reflectance	88%																
Thermal conductivity	$\lambda = 0.060 \text{ W/mK}$																
Humidity resistance	RH 99%																
Recycled content	Up to 41%																
Clean room classification	ISO 3 (Class 1)																
VOC Emissions (French)	A+																
Cleanability	Wipeable with dry cloth																
	Wipeable with moist cloth																
Sustainability																	
Contact us	Knauf Ceiling Solutions (India) Private Limited Boomerang, A-304, Chandivali Farm Road (near Chandivali Studio) Andheri (E), Mumbai - 400 072. Contact us: 1860 266 7080 e-mail : Helpdeskindia@knaufarmstrong.com																