



ARMSTRONG BIOGUARD ACOUSTIC OP RH100

BENEFITS

- Special anti-microbial performance to assist with infection control
- Durable, washable, soil resistant, water repellent
- High acoustic performance
- High light reflective finish
- Resistance to growth of bacteria & fungus

APPLICATION AREAS

- Healthcare (Severe & High Risk Zones)
 - Emergency Rooms
 - Burns units
 - Oncology
 - ICU & ICCU
 - Recovery & Delivery Rooms
 - Operation Theatres
- Corridors / Lobbies

BIOGUARD ACOUSTIC OP RH 100

	Board	Tegular 24/90	Tegular 15/90														
Edge Details	 Prelude 24 mm	 Prelude 24 mm	 Suprafine 15 mm / Silhouette														
Thickness (mm)	 19mm	 5mm / 8mm / 19mm	 4.5mm / 8mm / 19mm														
Dimensions(mm) Tiles	BP1610I BP1611I	BP1612I BP1613I	BP1614I BP1615I														
Weight	≈ 5.2 kgs/m ²																
Colour	White																
Sound absorption Tiles •	NRC = 0.90 <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>• 0.50</td> <td>0.75</td> <td>0.85</td> <td>0.90</td> <td>1.00</td> <td>1.00 α_p</td> </tr> </tbody> </table>		Frequency f (Hz)	125	250	500	1000	2000	4000 Hz	Partical sound	• 0.50	0.75	0.85	0.90	1.00	1.00 α _p	 125 250 500 1000 2000 4000
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Sound attenuation	CAC = 29 dB																
Fire reaction	A2-s1, d0 as per EN 13501-1																
Light reflectance	88%																
Thermal conductivity	λ = 0.060 W/mK																
Humidity resistance	RH 100%																
Recycled content	35%																
Clean room classification	ISO 3 (Class 1)																
VOC Emissions (French)	A+																
Environmental Product Declaration	As per ISO 14025 and EN 15804+A2																
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																