



ARMSTRONG BIOGUARD THERMOFON

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
- Corridors / Lobbies

BIOGUARD THERMOFON

	Board	Tegular 24/90	Tegular 15/90														
Edge Details	<p>Prelude 24 mm</p>	<p>Prelude 24 mm</p>	<p>Suprafine 15 mm / Silhouette</p>														
Thickness (mm)	<p>15mm</p>	<p>5mm / 8mm / 19mm</p>	<p>4.5mm / 8mm / 15mm</p>														
Dimensions(mm) Tiles 600 x 600 x 15 mm 600 x 1200 x 15 mm	BP6940I BP6941I	BP6942I BP6943I	BP6944I BP6945I														
Weight	$\cong 2.6 \text{ kgs/m}^2$																
Colour	White																
Sound absorption	NRC = 0.85 <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>• 0.55</td> <td>0.75</td> <td>0.75</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	• 0.55	0.75	0.75	0.80	0.95	1.00 α_p
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	<p>Graph showing sound absorption coefficient (NRC) vs frequency (Hz). The curve starts at approximately 0.55 at 125 Hz and rises to 1.00 at 4000 Hz.</p>																
Sound attenuation	CAC = 29 dB																
Fire reaction	A2-s1, d0 as per EN 13501-1																
Light reflectance	88%																
Thermal conductivity	$\lambda = 0.040 \text{ W/mK}$																
Humidity resistance	95%																
Recycled content	42%																
Clean room classification	ISO 4 (Class 10)																
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																