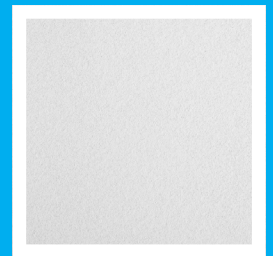




**KNAUF**CEILING  
Solutions

## DATASHEET

# ARMSTRONG BIOGUARD<sup>®</sup> ACOUSTIC



Armstrong BIOGUARD ACOUSTIC offers anti-microbial and anti-mold performance to assist with infection control with an added advantage of superior acoustics.

- Special anti-microbial performance to assist with infection control
- Clean room performance: ISO 3 (Class 1)
- Durable, washable, water repellent
- Excellent light reflective finish
- Resistance to growth of mould
- Good sound absorption and high attenuation

### APPLICATION AREAS

- Severe and Very High Risk healthcare zone like emergency rooms, ICU, ICCU, neonatology, burns units, oncology departments, etc
- Cleanrooms
- Corridors, lobbies

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YOUR **CEILING**  
OUR **SOLUTIONS**

<b>Edge details</b>		Board 	Tegular 24/90 	Tegular 15/90 														
<b>Thickness (mm)</b>		19	19	19														
<b>Dimensions (mm)</b>		600 x 600 600 x 1200	600 x 600 600 x 1200	600 x 600 600 x 1200														
<b>System</b>		Exposed Grid System, Demountable Ceiling (Prelude 24 mm)		Exposed Grid System, Demountable Ceiling (Suprafine 15 mm / Silhouette)														
<b>Weight</b>		≅ <b>5.29 kg/m<sup>2</sup></b>																
<b>Colour</b>		White																
<b>Sound absorption</b>		<p>NRC = <b>0.70</b></p> <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</th> </tr> </thead> <tbody> <tr> <td>α<sub>p</sub></td> <td>0.30</td> <td>0.35</td> <td>0.65</td> <td>0.90</td> <td>0.95</td> <td>1.00</td> </tr> </tbody> </table>			Frequency f (Hz)	125	250	500	1000	2000	4000	α <sub>p</sub>	0.30	0.35	0.65	0.90	0.95	1.00
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α <sub>p</sub>	0.30	0.35	0.65	0.90	0.95	1.00												
<b>Sound attenuation</b>		CAC = <b>40 dB</b>																
<b>Fire reaction</b>		<b>A2-s1, d0</b> as per <b>EN 13501-1</b>																
<b>Light reflectance</b>		Up to <b>88%</b>																
<b>Thermal conductivity</b>		λ = <b>0.060 W/mK</b>																
<b>Humidity resistance</b>		Up to <b>99% RH</b>																
<b>Recycled content</b>		Up to <b>41%</b>																
<b>VOC Emissions (French)</b>		A+																
<b>Cleanability</b>																		
<b>Sustainability</b>																		

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