

Bioguard Acoustic OP RH100

Armstrong[®]
CEILING SOLUTIONS

Benefits

- Specially developed for high humidity environments
- Anti-microbial performance provides protection against bio-contamination
- Clean Room performance
- Durable, Washable, Smooth surface
- High sound absorption (NRC 0.90) for reduced reverberation and quieter spaces
- High light reflective finish
- Sustainable – Green Star contribution

Application Areas

- Healthcare facilities including Hydrotherapy pools
- Clean Rooms & Laboratories, including PC1 and PC2 Certified Facilities
- Locker rooms, shower areas
- Indoor pools
- Parking garages
- Marine use
- Exterior Soffits



BIOGUARD ACOUSTIC OP RH100



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Panel Options	BOARD	TEGULAR 24/90	TEGULAR 15/90
	24mm Tee Grid	24mm Tee Grid	15mm Tee Grid
600 x 600 x 19mm	1610G	1612G	1614G
1200 x 600 x 19mm	1611G	1613G	1615G

• Special items and other sizes available upon request. • Contact your local Armstrong Ceilings representative for stock availability.



NRC: 0.90



CAC 29



Sealed edge for clean room performance
Clean Room Classification: ISO 3
Suitable for PC1 and PC2 facilities



RH100% at 0°C – 49°C



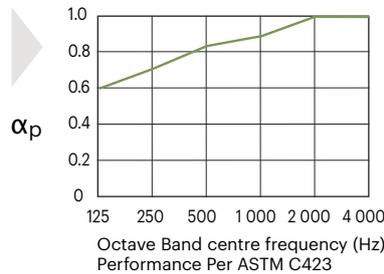
Conforms with NCC Spec. C1.10 as tested to AS 5637.1:2015 – Group 1, and ISO 5660 – Group 1 – S



Thermal Insulation (R- Value)
0.48 m²K/W



5.2 kg/m²



• NRC = 0.90

Material

Wet-formed mineral fibre with durable acoustically transparent membrane.

Surface Finish

Factory-applied vinyl paint. Edges are paint sealed for improved clean room performance.

Anti-microbial Performance

Tested to EN ISO 846:1997 & ASTM G21 for resistance to fungi and bacteria.

- Achieves resistance to bacterial strains of *Bacillus subtilis*, *Escherichia coli*, *Staphylococcus epidermidis*, and *Saccharomyces cerevisiae*.
- Achieves resistance to fungus strains of *Aspergillus niger*, *Paecilomyces variotii*, *Glucocladium virens*, *Penicillium funiculosum* and *Chaetomium globosum*.

Backloading Recommendation

Contact your local Armstrong Ceilings representative

Suspension Systems

Contact your local Armstrong representative

Green Star™: Potential contribution Interiors v1.3 / Design & As Built v1.3

Indoor Environmental Quality				Materials	
Credit 9/10 ACOUSTIC COMFORT	Credit 10.2A/11.2A LIGHTING COMFORT SURFACE ILLUMINANCE	Credit 11.1B/12.1B VISUAL COMFORT: DAYLIGHT	Credit 12/13 INDOOR POLLUTANTS	Credit 21C-D/21C-D SUSTAINABLE PRODUCTS – “Level A” Third Party Certification Environmental Product Declarations	Credit 22/22 CONSTRUCTION AND DEMOLITION WASTE
✓	✓	✓	✓	✓	✓



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- NSW (02) 9666 6688
- QLD (07) 3267 6222
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