



# BIOGUARD ACOUSTIC

BIOGUARD Acoustic with PeakForm PRELUDE XL 24mm Exposed Tee Grid

## BENEFITS

- Excellent resistant to disinfectants and Bioguard anti-microbial surface performance to assist with infectious control.
- Clean Room Performance — BIOGUARD Acoustic with special treatment could achieve ISO Class 5 and FED Class 100. For instance, Armstrong BIOGUARD Acoustic with Clean Room Grid achieves ISO Class 4 and FED Class 10\*.
- Durable surface scrim: Water Repellency; Washable, Scratch resistant, Soil resistant, Impact resistant.
- Third party tested and certified by industry leading Eco-classification; deemed to be innovative, Eco-preferable nature and likely to contribute points to various green building assessment.

## APPLICATION AREAS

- **Ideal for Healthcare Facilities:** Infectious control; Privacy; Improves recovery condition; Balanced acoustic comfort; Resistance to disinfectants.
- **Pharmaceutical:** Reduce contamination risk, improve concentration level minimizing dispensing error.
- **High Tech Industrial: Food Processing/ Manufacturing:** Cleanroom ISO4 Full Systems; Eliminating the smallest particles is a key objective.
- **Hygiene sensitive collaborative area:** Improves work rate productivity; Protection; Safety.
- **General contaminant-free area:** Isolation wards; Hygiene; limit bio-contamination.
- **Laboratories:** PC1 and PC2 Certified Facilities.



## BIOGUARD ACOUSTIC



Armstrong Grid Options	SQUARE LAY-IN <sup>①</sup>	ANGLED TEGULAR <sup>②</sup>	MICROLOOK 90		
	24mm 	24mm 	15mm 	15mm 	24mm 
	Prelude Grid	Prelude Grid	Suprafine Grid	Silhouette Grid	Prelude Grid
600 x 600 x 19 mm	5186	5188	5190		—
600 x 1200 x 19 mm	5187	5189	5191		5193

**Remarks:** ①, ②, 5193 – 24mm Exposed Tee Grid or Cleanroom Grid;  
5190, 5191 – 15mm Exposed Tee Grid

\* Special items and other sizes available upon request



NRC 0.70



CAC 41



RH 99% at 0°C-49°C



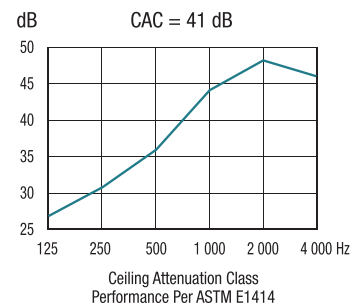
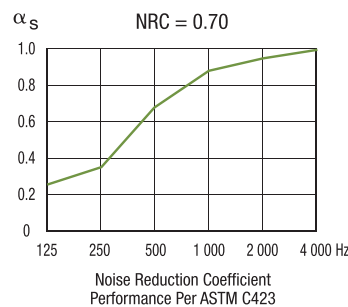
BS476 part 6 & 7 Class 0/Class 1  
US: Class A – Flame Spread 25 or under



Thermal Insulation (R-Value)  
0.4 m<sup>2</sup>/K/W



5.27 kg/m<sup>2</sup>



### Material

Wet-formed mineral fibre with durable acoustically transparent membrane

### Surface Finish

Factory-applied acrylic latex paint with "BIOGUARD mould/yeasts/mildew/bacteria inhibitor"

### Anti Mold / Yeasts / Mildew & Bacteria

"BIOGUARD Acoustic" contains a unique surface antimicrobial treatment, providing resistance against growth of mold/yeasts/mildew and Gram-positive and Gram-negative odour/stain causing bacteria

### Warranty

Armstrong commercial suspension systems and commercial ceiling products have a 30 year limited system warranty when installed together



Armstrong provides the widest selection of environmental preferred products that have been third party tested and certified by industry leading Eco-classification.

For further details, please contact your Local Armstrong Ceilings representative or email [asia.support@knaufarmstrong.com](mailto:asia.support@knaufarmstrong.com)

[www.knaufarmstrong.com](http://www.knaufarmstrong.com)