

CLEAN ROOM® BIOGUARD® Acoustic

洁净室吸音防菌板

smooth surface 平滑花纹

Texture and Grid Intersections 花纹及龙骨安装效果



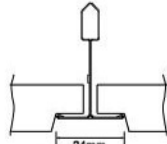
CLEAN ROOM BIOGUARD Acoustic
Beveled Tegular
洁净室吸音防菌板切角跌级板



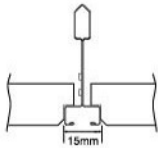
CLEAN ROOM BIOGUARD Acoustic with PeakForm
SUPRAFINE 15mm Exposed Tee Grid
洁净室吸音防菌板配尖峰顶端3000型
15mm窄边龙骨



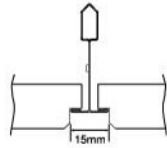
CLEAN ROOM BIOGUARD Acoustic with PeakForm
SILHOUETTE 15mm 6mm Reveal Grid
洁净室吸音防菌板配尖峰顶端4000型
15mm凹槽龙骨



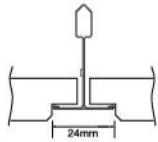
Angled Tegular
with PeakForm Prelude XL
斜角跌级配
尖峰顶端2000型龙骨



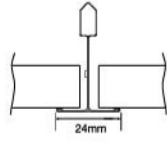
Beveled Tegular
with PeakForm Silhouette
切角跌级板配
尖峰顶端4000型凹槽龙骨



Beveled Tegular
with PeakForm SupraFINE
切角跌级板配
尖峰顶端3000型窄边龙骨



Beveled Tegular
with PeakForm Prelude XL
切角跌级板配
尖峰顶端2000型龙骨



Square Lay-in
with PeakForm Prelude XL
明架平板配
尖峰顶端2000型龙骨

Typical Applications 建议使用场所

- Manufacturing clean rooms
洁净厂房
- Healthcare spaces including
emergency room and consulting room
医疗环境 (包括急诊室/诊疗室)
- Laboratories
实验室
- Food service and processing areas
食品加工环境

Recycled
Content:
再生材料
62%

Color
颜色



White(WH)
白色(WH)



CLEAN ROOM BIOGUARD Acoustic Angled Tegular with Clean Room Grid
洁净室吸音防菌板配洁净室龙骨

CEILING SYSTEMS
天花板系列

你我共创 理想天地
Between us, ideas become reality™

Armstrong®

阿姆斯壯

CLEAN ROOM® BIOGUARD® Acoustic 洁净室吸音防菌板

smooth surface 平滑花纹

Armstrong commercial suspension systems and commercial ceiling products have a 30 year limited systems warranty when installed together
三十年系统品质保证
阿姆斯壮防潮系列工程天花板配阿姆斯壮工程龙骨系统



Relative Installed Cost
相对安装成本

\$	\$\$	\$\$\$	\$\$\$\$
----	------	--------	----------



Key Selection Attributes

主要特性:

- The inhibitory treatment applied to the CLEAN ROOM BIOGUARD Acoustic ceiling surface restricts bacteria development and tests show positive results along with the superior bacteriostatic effect of the CLEAN ROOM BIOGUARD Acoustic treatment against Staphylococcus Aureus.
经过防菌处理的吸音防菌板能抑制细菌的滋生, 经过欧洲实验室测试证明, 吸音防菌板对于多种细菌和霉菌具有超强的抑制作用。
- CLEAN ROOM BIOGUARD Acoustic with special treatment can achieve ISO Class 5 and FED Class 100. Armstrong CLEAN ROOM BIOGUARD Acoustic with Clean Room Grid achieves ISO Class 4 and FED Class 10. *
欧洲实验室测试证明, 特别洁净处理的吸音防菌板可达到洁净等级ISO 5级, 相当于FED 100级。如阿姆斯壮吸音防菌板配合阿姆斯壮洁净室龙骨, 洁净度高达ISO 4级, 相当于FED 10级。*
- Excellent sound absorption for a quiet space.
极佳的吸音性能, 创造良好的安静环境。
- Smooth texture, nondirectional visual surface.
平整细腻花纹, 无方向性表面。
- Excellent water-repellency allows for frequent cleaning and can be washed with a wet cloth or sponge.
防水性能良好, 可用湿布清洁, 且表面完好如初。
- The bioguard paint has enhanced resistance to disinfectants including Hydrogen Peroxide and Chlorine. The product can be used in areas with cleaning-disinfection operation.
表面抗含氯消毒剂以及抗双氧水消毒剂, 可在经常使用消毒剂的场所放心使用。

- Ceilings qualify for LEED credits and certified by China Green Product Label and Ecospecifier. 阿姆斯壮天花板符合LEED计分要求并已获得中国环境标志和澳大利亚Ecospecifier环保产品的认证。
- Non-asbestos.
不含石棉

ISO Class ISO 等级	Maximum Number of Particles in Air (particles in each cubic metre equal to or greater than the specified size) 空气中悬浮粒子最大允许个数						US Federal Standard 209E FED 等级
	粒/米 ³ cfm/m ³						
	> 0.1 μm	> 0.2 μm	> 0.3 μm	> 0.5 μm	> 1 μm	> 5 μm	
ISO Class 1	10	2					
ISO Class 2	100	24	10	4			
ISO Class 3	1 000	237	102	35	8		Class 1
ISO Class 4	10 000	2 370	1 020	352	83		Class 10
ISO Class 5	100 000	23 700	10 200	3 520	832	29	Class 100
ISO Class 6	1 000 000	237 000	102 000	35 200	8 320	293	Class 1000
ISO Class 7				352 000	83 200	2 930	Class 10 000
ISO Class 8				3 520 000	832 000	29 300	Class 100 000
ISO Class 9				35 200 000	8 320 000	293 000	Class 1 000 000



Qualify for LEED Credits
符合LEED计分要求

Visual Selection 视觉标准

GRID FACE 龙骨面宽	EDGE PROFILE 边角处理	ITEM NUMBER 产品编号	DIMENSIONS 尺寸与厚度	ACOUSTICS 吸音性能		FIRE RESISTANCE 防火等级	SAG RESISTANCE 防潮等级	LIGHT REFLECTANCE 反光度	DURABILITY 耐用度	
				NRC 降噪系数	CAC 隔音等级					
24mm	Square Lay-in 明架平板	1874	600 x 600 x 19mm	0.70	37	A2	☔	0.87	Water Repellency Washability Soil Resistance Anti-disinfectant	憎水性 可擦洗 防污 抗消毒剂
		1875	600 x 1200 x 19mm	0.70	37					
24mm	Angled Tegular 斜角跌级	1876	600 x 600 x 19mm	0.70	37	A2	☔	0.87	Water Repellency Washability Soil Resistance Anti-disinfectant	憎水性 可擦洗 防污 抗消毒剂
		1877	600 x 1200 x 19mm	0.70	37					
15mm	Beveled Tegular 切角跌级	1878	600 x 600 x 19mm	0.70	37	A2	☔	0.87	Water Repellency Washability Soil Resistance Anti-disinfectant	憎水性 可擦洗 防污 抗消毒剂
		1879	600 x 1200 x 19mm	0.70	37					
24mm	Beveled Tegular 切角跌级	1880	600 x 600 x 19mm	0.70	37	A2	☔	0.87	Water Repellency Washability Soil Resistance Anti-disinfectant	憎水性 可擦洗 防污 抗消毒剂
		1881	600 x 1200 x 19mm	0.70	37					

High Acoustical Performance
高吸音度

Sag Resistance
4 drops / RH100
3 drops / RH99/RH95
2 drops / RH90

防潮等级
4滴水 / 防潮100
3滴水 / 防潮99/95
2滴水 / 防潮90

*防下陷
性能测试
条件依据
GB/T 25999-2010

High Light Reflectance
高反光度

Physical Data 产品数据

Material 材质

Wet-formed mineral fiber with DuraBrite acoustically transparent membrane
湿式合成矿物纤维加 DuraBrite 强化表面处理吸音透声薄膜

Surface Finish 表面涂料

Factory-applied latex paint
乙稀基乳胶漆

Flame Spread/Fire Resistance 防火功能特性

-US: Class A-Flame Spread 25 or under
A级 (火焰蔓延度25或以下, 美国标准)
-BS476 part 6 & 7 Class 0/Class 1
英国标准BS476 part 6 & 7 Class
-Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837: 1998-Group 1 AS/NZS 1530.3
澳洲标准Conforms with BCA Conforms with BCA Spec. C1.10 and tested to AS/NZS 3837: 1998-Group 1 AS/NZS 1530.5
-A2 (China Standard - GB/T 14402) A2级 (适用于燃烧热值实验, 中国标准)

Insulation Value 热阻值

R Factor - 2.3 (BTU units)
R Factor - 0.4 (Watts units)
平均R Factor - 2.3 (英制)
平均R Factor - 0.4 (公制)

Weight 重量

1 lbs/SF (4.9 kgs/m²)
4.9千克/平方米 (1.00磅/平方英尺)

使用场所须知

不建议在有核磁设备MRI的房间使用

Recommended Suspension System

推荐使用的龙骨系统

ITEM NUMBER 产品编号	SUSPENSION SYSTEM 龙骨系统
1874, 1875, 1876, 1877, 1880, 1881	24mm PeakForm Prelude XL 尖峰顶端2000型龙骨
1878, 1879	15mm PeakForm SUPRAFINE XL 尖峰顶端3000型龙骨 15mm PeakForm SILHOUETTE 尖峰顶端4000型龙骨

*For higher ISO class and FED class, Please use Armstrong Clean Room Grid.
如要达到更高洁净等级, 请选择阿姆斯壮洁净室龙骨配套使用。

SHANGHAI 上海

TEL电话: (8621) 3338 6688
FAX传真: (8621) 3338 6699

www.armstrong-asia.com
www.armstrong.cn

GUANGZHOU 广州

TEL电话: (8620) 8375 3862
FAX传真: (8620) 8375 3861

01-2013
Printed in Shanghai, PRC

BEIJING 北京

TEL电话: (8610) 6518 6965
FAX传真: (8610) 6518 8242

HONGKONG 香港

TEL电话: (852) 2585 7800
FAX传真: (852) 2598 7113