



THERMATEX® Aquatec

凌云®

- THERMATEX Aquatec is the optimal solution for rooms with high humidity, as it is moisture-resistant up to 100% RH. It also has outstanding noise absorption. Its washable surface (cleaning with a high-pressure cleaner is possible) and its discreet, high-quality design make it the ideal solution for hygienic surfaces
凌云是高湿度房间的最佳天花解决方案，它的防潮性能高达RH100。同时它还具有出色的吸音效果。它的可清洗表面（可以用高压吸尘器清洁）和严谨、高质量的设计使其成为需要卫生表面的理想解决方案。
- Excellent sound absorption NRC 0.75
杰出的吸音效果 NRC 0.75
- Excellent light reflectance (88%)
杰出的反光度 88%
- 洁净等级高达ISO 3
- Ideal for healthcare environments, laboratories, treatment rooms, locker rooms or shower areas
更适用于医疗环境以及实验室，治疗室，更衣室或淋浴室等区域



Panel Options 天花板选择		BOARD 明架平板		REGULAR 15/90 直角跌级															
Edge Details 边角类型																			
Dimensions(mm) 尺寸	Thickness(mm) 厚度	713596		713600															
600x600	19mm																		
Weight 质量	5.2kg/m ² 5.2千克/平方米	Light reflectance 反光度	88%																
Colour 颜色	White 白色	Thermal conductivity 热阻值	λ= 0.060 W/m K as per EN 12667																
Sound attenuation 隔音	EN ISO 10848-2 D _{n,f,w} = 29 dB as per EN ISO 717-1	Humidity resistance 防潮等级	100%RH 防潮等级100%RH																
Sound absorption 吸音性能	$\alpha_w=0.80 \alpha_s$ per EN ISO 11654:1997 <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_s</td> <td>0.47</td> <td>0.62</td> <td>0.69</td> <td>0.79</td> <td>0.90</td> <td>0.96</td> </tr> </tbody> </table> NRC=0.75 α_s per ASTM C423					Frequency f (HZ)	125	250	500	1000	2000	4000	α_s	0.47	0.62	0.69	0.79	0.90	0.96
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Fire reaction 防火等级	Euroclass A2-s1, do as per EN 13501-1 Class A (China standard –GB 8624-2012) A级 (适用于燃烧热值实验-GB/T 14402, 中国标准)																		
Indoor air quality 室内空气质量		A+ Low VOC Emission 低有机挥发物释放	German low emission 德国低有机挥发物释放	Clean room 洁净室	ISO 3 as per EN ISO 14644-1														
Cleanability 可清洁性		Washable diluted detergent 可擦洗	Wipeable with a moist cloth 湿布擦洗	High pressure water spray 可高压水喷雾清洗															
Sustainability 可持续性		35% Recycled Content 回收材料	BIO-SOLUBLE WOOL IC 022009 Annex Q Biolyis wool 生物可溶性矿物棉																

阿姆斯壮天花板对LEED的贡献

construction waste management 建筑废弃物管理	Building/ Interiors Life Cycle Impact Reduction 减少生命周期影响	sourcing of raw materials 原材料来源	Interior Lighting -lighting quality 照明	Acoustic 声学	Prerequisite 最低声学性能要求 (先决条件)	regional materials* 本地材料*
✓	✓	✓	✓	✓	✓	✓

Material 材质
Wet-formed mineral fiber with acoustically transparent membrane Surface Finish
湿式合成矿物纤维，表面覆吸音透声膜

Surface Finish 表面涂料
latex paint 乳胶漆

Warranty 品质保证
Humidity Resistance RH100 ceilings offer 10 years Limited warranty
防潮RH100天花板系列提供十年有限品质保证。



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12-2020 Printed in Shanghai

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