

## Antibacterial ACP





Hospital

## Antibacterial ACP

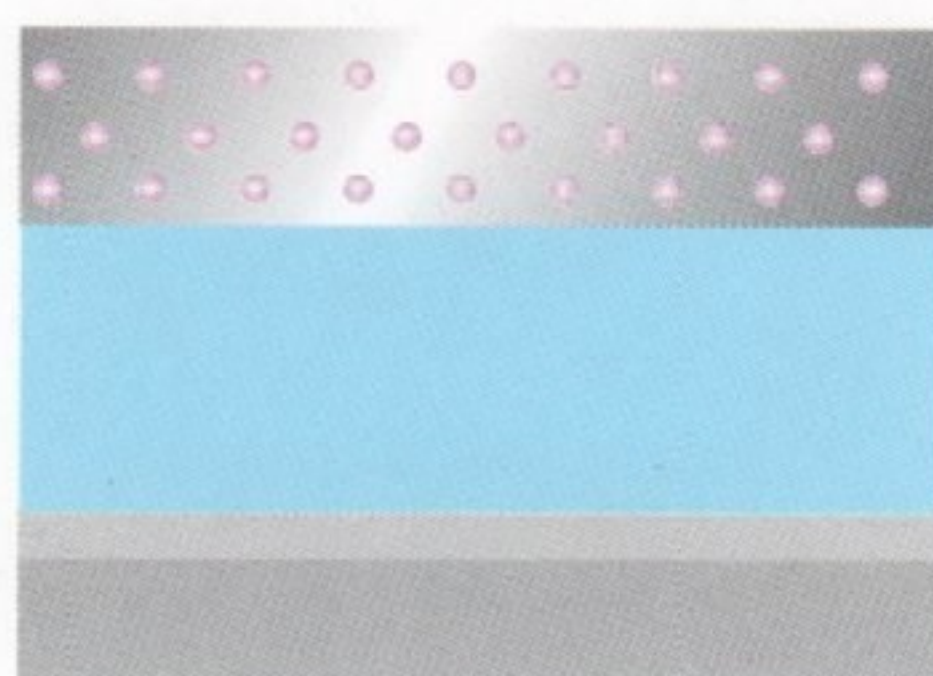
Antibacterial aluminum composite panel is one of our patent products. It is special aluminium composite panel. It is composed of non-toxic and low density polyethylene core between two superior aluminum sheets with advanced technology. It has antibacterial paint on the surfaces and gathers the best appearance, antibacterial, environment protection and so on. It is preferred decorative material for the asepsis room of health department, electron laboratory, grocery, school. It is honored as High Technology Product for Jiangsu Province.



National Patent  
China High Technology  
Product Patent  
No.: ZL200520069003.7

### RAW MATERIAL AND STRUCTURE

Basis aluminum: high-strength aluminum alloy  
Plastic Core: no-toxic low density polyethylene  
Surface coating :PVDF , organic antibacterial paint.  
Antibacterial principle: We use the organic antibacterial in the paint. It comes true the antibacterial effect by meaning of antibacterial restrains bacteria.



Organic Antibacterial Coating  
Basic coating  
Primer Coating  
Aluminum Sheet





**SPECIFICATION**

Thickness: 3~6mm recommend: 3mm、4mm  
 Width: 1000~1575mm recommend: 1220mm、1250mm、1500mm  
 Length: maximum 5800mm recommend: 2440mm、3050mm、4050mm

**ANTIBACTERIAL COATING TECHNICAL PARAMETER**

Test time(hour)	24 Hours	Issued by
Rate of Antibacterial	92.3% 92.0%	Shanghai industrial microbeResearch insitute
	T bending	2T
	1/2inch*1kg*50cm	Superior
	Impact resistance	First class
	Aadhesive	OK
	Appearanc	No crack
	Density	No obvious
QUV/E		100%
100V*15W*20cm*6h Gloss		

**FEATURES**

- 1** Antibacterial: We adopt organic antibacterial paint compared with normal aluminum composite panel, it has an antibacterial effect. More using age, better antibacterial effect. It is an updated and deparative decorative material.
- 2** Environment protection: superior aging resistance, no coating change, no pollution, anti-acid, anti-alkali, solvent resistance.
- 3** Recycle: we could separated aluminium and polyethylene to recycle to reduce the environment pollution.

**TEST REPORT**





**APPLICATION & PROJECT**

operating room and asepsis room of the hospital  
 asepsis room of cosmetic, grocery ,electron laboratory and so on  
 school,hotel,exhibition room and so on  
 equipments with high requiring for antibacterial  
 laboratory with high requiring for antibacteria



Jiangsu-Taicang First-aid Center



Hospital Hall



Singapore-roadrick school



Hospital Hallway

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