

Pinger Vinyl Hanging Wall panel

Suggested Specifications

PART 1 - GENERAL

1.01 SUMMARY

- A. Pinger Vinyl Wall Panel for wall protection and decoration
- B. Vinyl Wall panel, Antibacterial, Fired proof, Green and environmental protection, crash proof, wareproof, surface cleanly finished, mould proof, insert prevention, ageing resistant and 100% recycling
- C. Fired proof, medical used antibacterial non phthalate and non harmful vinyl material.

1.02 SECTION INCLUDES

- A. Performance Requirements:Pinger Rigid Vinyl Sheet systems that conform to the following requirements of regulatory agencies and the quality control of Wall Protection Systems, Pinger.
 - 1. Fire Performance Characteristics:
Provide handrails conforming with EN13501 - 1 Class B fire rating.
FLAME SPEAD AND SMOKE:ASTM E84,CLASS A, The smoke concentration is qualified, non-toxic, and there is no dripping when burning.
 - 2. Fungal and Bacterial Resistance:
The resin material is rich in silver ions,inhibiting the fungal growth on the surface of wall panel,such as the growth of pathogenic organisms such as Escherichia coli,staphylococcus aureus .Antibacterial proof:JISZ2801:2010.
 - 3. Mould Proof:
ASTM G21-15,Excellent, moisture-proof and mildew-proof, inhibit aspergillius brasiliensis , penicillium rope,short-stemmed sprouted mould,bulbar hairy shell and trichoderma viride.
 - 4. Horizontal burning:
As tested in accordance with the procedures specified in UL94HB, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position.
 - 5. Impact Strength:
Provide rigid vinyl profile materials that have an Impact Strength of 1kg as tested in accordance with the procedures specified in ASTM D256-10EL,GB8624 -2012, Impact Resistance of Plastics.
 - 6. Environmental friendly:
No any toxic gas, formaldehyde is qualified.You can check in

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- immediately, and there is no need to absorb formaldehyde TVOC:ISO 16000-3-6-9 AND SGS:CA CDPH 01350 -VOC
7. Does not stain:
Strong, water proof,easy to clean the surface,Anti-pollution, not easy to dye, Staining test:EN423:2001.
 8. ISO Certified:
Provide ISO9001/14001/45001 Certified material. Profiles shall meet the requirements of ISO9001/14001/45001 Certification Standards for Low-Emitting Products and ISO9001/14001/45001 Product Emission Standard.
 9. Chemical and CORROSION Resistance:
Tested according to ASTM D 543- 14/ASTM D2240- 15/ASTM D638- 14,Excellent, small coefficient of thermal expansion and cold contraction, and almost no change in temperature size.,Antibacterial and bacteriostatic, effectively resisting most acids, alkalis, salts, alcohols,Corrosion of iodine, vegetable oil, liquor, etc.
 10. No heavy metals:
Does not contain lead, cadmium and other toxic and harmful heavy metals,Heavy Metal Test:CA65
 11. Durable and easy to install:
Durable,Wear-resistant, not easy to scratch the surface, dirt, dust ,Not easy to attach, not fouling, simple maintenance.Convenient construction, construction, no noise.Can be glued on the keel, can also be hung on the keel by steel, and can also be used for assembly installation.

1.03 DELIVERY, STORAGE AND HANDLING

- A. Deliver materials in unopened factory packaging to the jobsite.
- B. Inspect materials at delivery to assure that specified products have been received.
- C. Store in original packaging in a climate controlled location away from direct sunlight.

1.04 PROJECT CONDITIONS

- A. Environmental Requirements: Products must be installed in an interior climate controlled environment.

1.05 WARRANTY

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A. Standard IPC Limited Lifetime Warranty against material and manufacturing defects.

PART 2 - PRODUCTS

2.01 MANUFACTURED UNITS

A. Vinyl Wall Panel

1. Thickness

6mm, 8mm, 9mm, 10mm, 12mm

2. Size:

4' x 8' (1.22m x 2.44m) sheet

4' x 9' (1.22m x 2.8m) sheets

4' x 10' (1.22m x 3.0m) sheets

Custom sizes - available

3. Surface Finished

Lightly Texture(A), Weave Effect(B), Suede Grain(C), Coarse

Texture(D), Matte Smooth(G), Starburst pattern(H), Flax Surface(M), Basket weave(O), Leather Effect(P), Wood Effect(S)

B. Accessories

1. Aluminum

Aluminum Top Cap; Length: 2.8m standard,

Aluminum Vertical Divider Bar; Length: 2.8m standard,

Aluminum Inside Corner; Length: 2.8m standard,

Aluminum Outside Corner; Length: 2.8m standard.

3. Color Matched Caulk

2.02 MATERIALS

A. Vinyl: Pinger Rigid Vinyl Sheet shall be manufactured from chemical and stain resistant polyvinyl chloride with the addition of impact modifiers. No plasticizers shall be added (plasticizers may aid in bacterial growth).

B. Fireproof hard cement fibre board: Fireproof, high density, hard cement fiber board that will not break during transportation

2.03 FINISHES

A. Color or pattern of PinGer® Rigid Vinyl Sheet to be selected by the architect from the PinGer® Rigid Vinyl Sheet finish selection. Surface shall have a velvet texture.

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B. Aluminum Accessories: Top caps, inside corners and divider bars shall be clear anodized.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Examine areas and conditions in which the rigid vinyl sheet will be installed.
 - 1. Complete all finishing operations, including painting, before beginning installation of rigid vinyl sheet materials.
- B. Wall surface shall be dry and free from dirt, grease and loose paint.

3.02 PREPARATION

- A. General: Prior to installation, clean substrate to remove dust, debris and loose particles.

3.03 INSTALLATION

- A. General: Locate the Pinger Rigid Vinyl Sheet as indicated on the approved detail drawing for the appropriate substrate and in compliance with the Pinger installation instructions. Install level and plumb at the height indicated on the drawings.

3.04 CLEANING

- A. At completion of the installation, clean surfaces in accordance with the IPC clean-up and maintenance instructions.



ANTIBACTERIAL PINGER WALL PANEL MATERIAL



HUMAN DESIGN

Pinger wall panel,
1.a synthetic material of medical hard vinyl resin and natural soybean oil epoxy resin.
2.Fired Proof,medical used antibacterial,non phthalate and non harmful vinyl material .



PINGER WALL PANEL INFORMATION

Thickness: 1mm 1.2mm 1.5mm 2mm 2.5mm 3mm

Size:Solid color:1.22*2.8m/sheet

wood color:1.18*2.8m/sheet

Length can be cutted as your request

Surface Finished:Weave Effect

Color:Rich,can do OEM color as your request



Applicable Places:Hospital,Hotel,Airport,High-end

Office

Building,High-end Villa,Kindergarten,School,Sport Hall,
Factory,Plane,High-speed Train,
Loose Pulley,Public Place and so on



When you meet the urgent request,you may select the color from our stock color.

PINGER WALL PANEL FUNCTIONAL & DECORATION

Pinger Wall panel functional and decorative perfect
combination.especially plasticity and unique product
feature,greatly expanded the design space for
high quality interior
decoration to provide perfect choice



PINGER VINYL WALL PANEL

FUNCTIONAL DECORATION

Used for half wall, full wall, ceiling, furniture,
protection door and wall without antibacterial
impact such as wheelchair and hospital bed,
making the door wall have longer service life

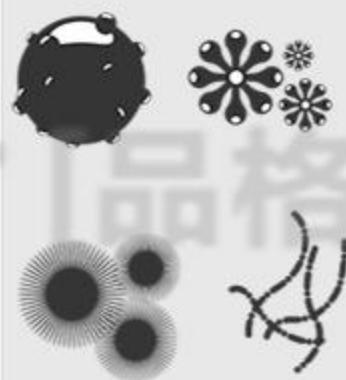


PINGER WALL PANEL FEATURES

NO.1

Antibacterial & Strongly anti-mildew

The Vinyl material is rich in silver ions, inhibiting the growth of fungi on the surface of plates, e. coli, staphylococcus aureus and other pathogenic organisms as aspergillus brasiliensis, penicillium rehmannii, sprouted short-stemmed mould, pelliculosa, trichoderma virioides



NO.2

Fire retardant

Has passed the American standard ASTM e84-17 fire test and the British standard ul94-2017 level combustion.



NO.3

Chemical resistance & strong corrosion resistance

Effectively resist acid, alkali, salt, vegetable oil, liquor, etc.



NO.4

Non Formaldehyde & green environment

Formaldehyde and non-hazardous gas volatilization that reach E0 level can pollute the environment and pass the detection of CA cdpho1350-voc and GB/T 18580-2017



NO.5

No benzene, no heavy metal, can be recycled and used



BEWARE OF BENZENE
POISONING

Materials free of sodium phthalate, diisooctyl terephthalate, lead and cadmium free heavy metals and non-hazardous physical health, etc. Green and environment-friendly, recyclable, SGS test and CA65 test have passed.



Service life of Pinger wall panel is 15-25 years without human damaged



NO.6

Anti-collision & wear-resistant, with super

Through the American standard ASTM d256-10el and GB/ t14153-1993, the impact strength is high, and the wall can be well protected in the process of wheelchair and cart

NO.7

The surface of wall panel is easy to clean

it is qualified to pass European standard EN423:2001 with high density and low resistance. Dirt and dust are not easy to adhere to and do not accumulate scale. The maintenance is simple and easy to clean



NO.8

Not easy to fade, not easy aging

uv resistance, not fade, not easy aging

NO.9

Color is rich

Color diversity,adornment sex is strong, can meet a variety of designer's DIY design and ownersneeds,having 48 solid colors,14 wood grains,4 woven colors and 4 leather colors



NO.10

Size stability

Qualified passed American Standard ASTM D2240-15 and ASTM S638-14,when the temperature and humidity and chemical touch changes, it still maintains good stability, is not easy to deform, waterproof, moistureproof, moldproof



NO.11

Light weight

Low load-bearing requirements on the wall, which will help reduce the weight and earthquake resistance of the building foundation.



NO.12

Easy to install & no noise

Easy to install, no holes need to be drilled during installation, only glue is installed on the base material, so there is no noise during installation. Even if it is installed at night, it will not affect the rest of the surrounding residents.



PINGER WALL PANEL INSTALLATION

INSTALLATION IS RELATIVELY SIMPLE, AND INSTALLATION COST IS NOT HIGH, EVEN IN THE EVENING CAN BE INSTALLED, VERY EASY TO RENOVATE THE PROJECT AFTER INSTALLATION, NO HUMAN DAMAGE, LIFE UP TO 15-25 YEARS

installation Tool:



• Milling machine,

1. For the pinger wall panel to be folded into an angle
2. Used for pinger wall panel angle and furniture edge use



• glue



• Measure



• glue evenly on the wall



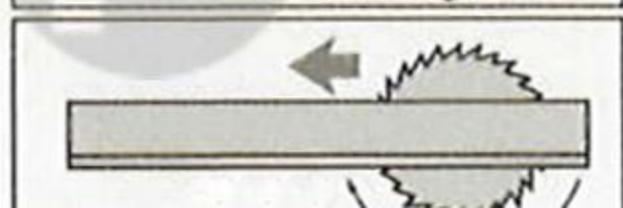
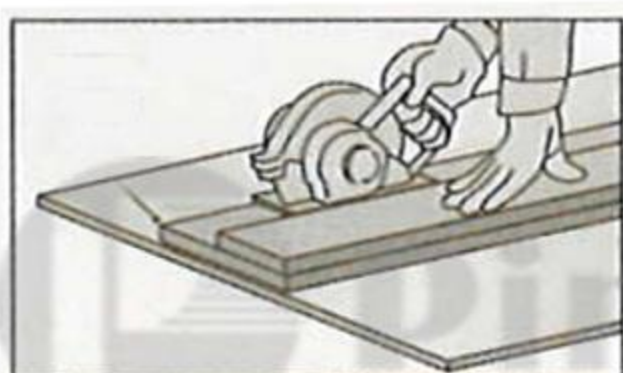
• Roll Brush



• scraping knife



• roller Roll out excess air



Cutting Machine used in big project for Pinger wall panel



Art Knife,used in sample room or small volume place to be cutted

Installation Method 1:Install on the concrete wall:



①Plastering Cement and spreading putty powder for brick base wall

- Suitable for the base wall of concrete or plastering
- Plaster with cement mortar in two or three times
- Spreading putty powder three times



③Brushing glue

- Brush the glue in one time
- Smooth with a scraping knife



②Plane putty powder,polish and level the surface of the wall

- Brush latex paint of alkaline resistant latex
- Polish and level the surface of the wall



④Install pinger vinyl wall panel,exit gas

- After measure the size,cut and install the pinger vinyl wall panel
- Push and brush the roller on pinger vinyl wall panel for three times. In order to the inside of the wallboard gas discharge



Installation Method 2: Install on the gypsum board or Fibre board or MDF Board:



①Remove the ash layer, plane putty powder

- Brush adhesion agent in one time



②Install pinger vinyl wall panel,exit gas

- After measure the size,cut and install the pinger vinyl wall panel
- Push and brush the roller on pinger vinyl wall panel for three times. In order to the inside of the wallboard gas discharge

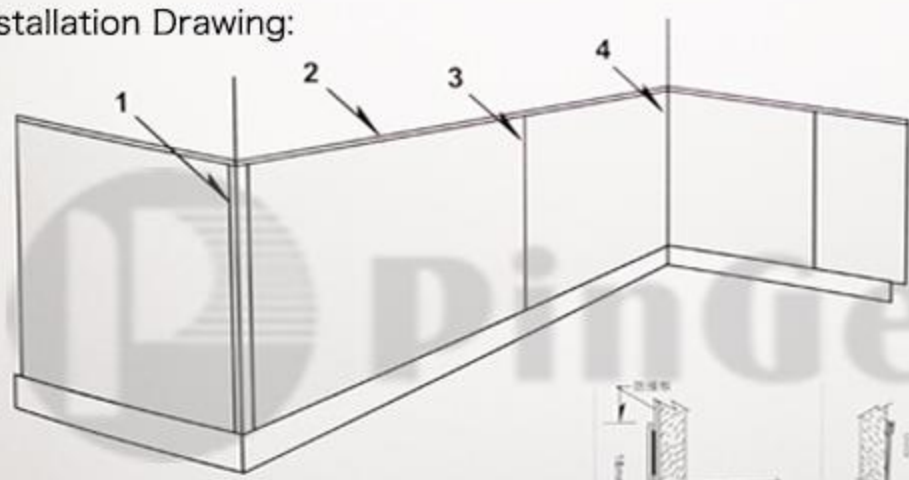
PinGer [品格] ACCESSORIES



Uninterrupted design style accessories
Outside corner,Top cap,Diverder bar, Inside corner



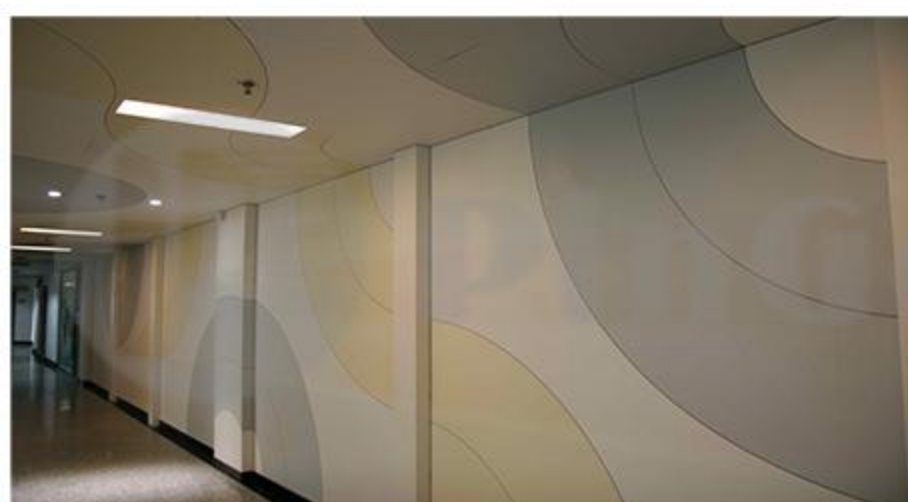
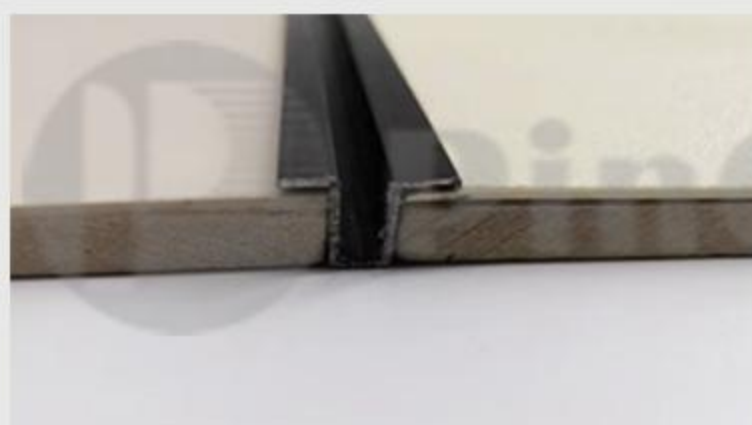
Installation Drawing:



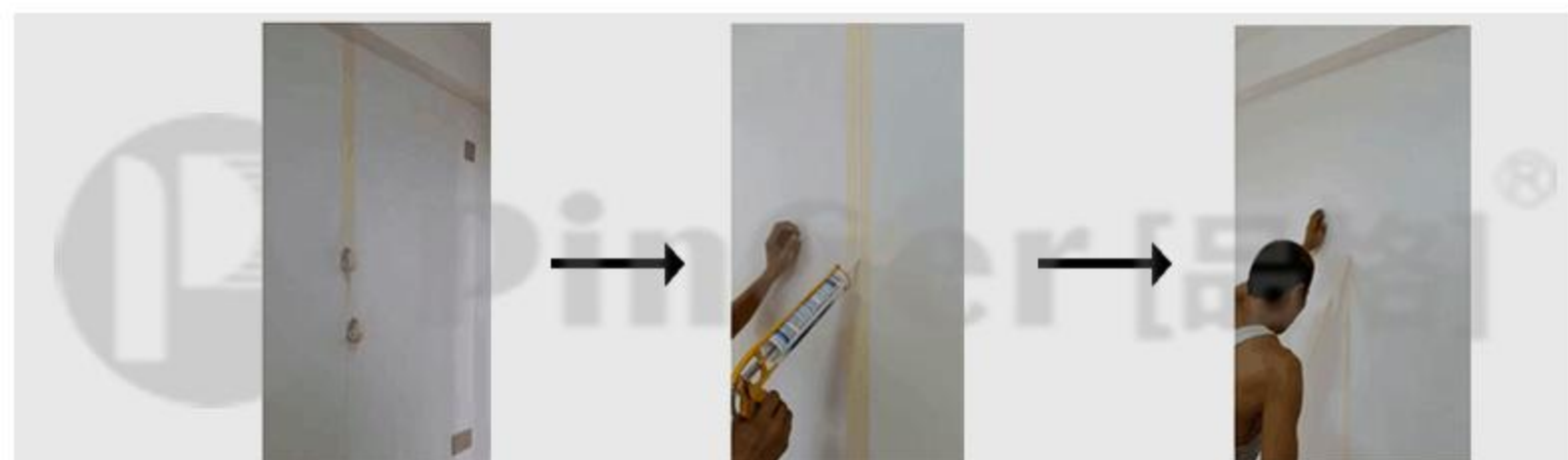
Tungsten steel strip or metal connection style
The style has the simple fashion atmosphere natural feeling



Instruction:

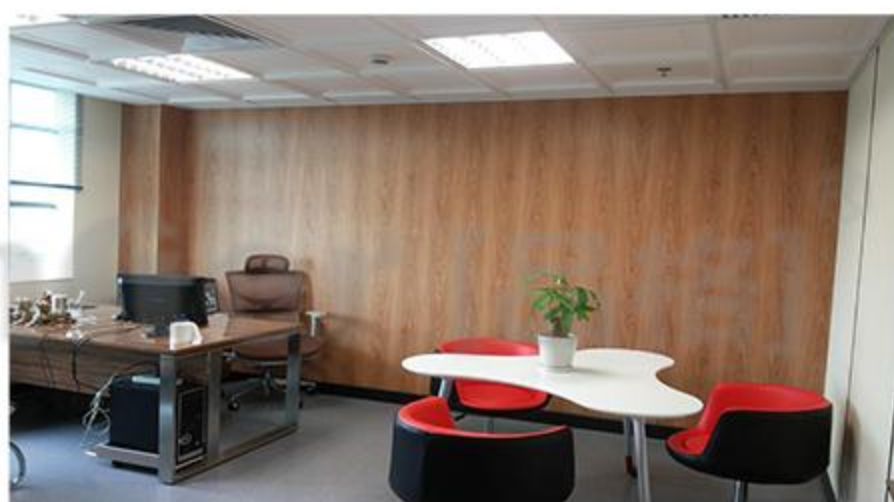


Silica matching Can match different color design, perfect connection



when you install,need to empty 3-4mm place to make up silica

Close matching style
Two pieces with decorative pattern
Pinger wall panel design, perfect seamless connection.



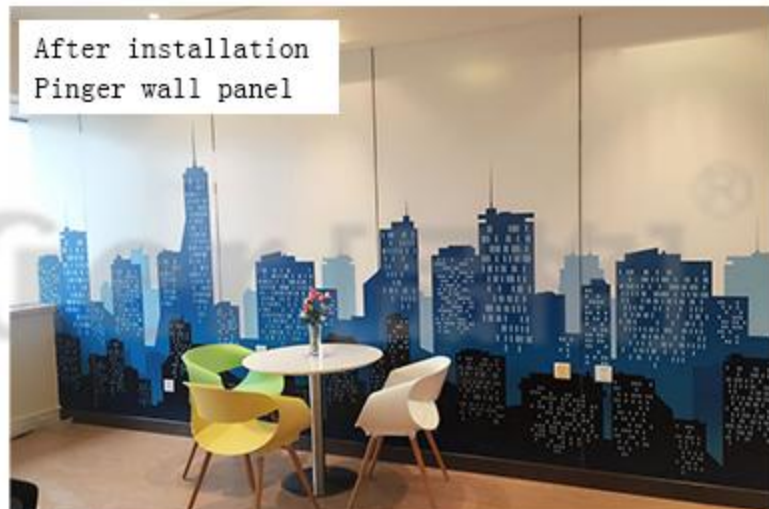
Customize accessories according to customer requirements
Meet the designer DIY design and the concept of unrestrained thinking, to achieve different ideas of the owner design.



COMPARISON BEFORE AND AFTER INSTALLATION



Before installation
Pinger wall panel



After installation
Pinger wall panel



Guangzhou
Medical Center



Southern Hospital



Guangzhou Anhetai Maternity Hospital



North Zhejiang
Mingzhou Hospital



Guangxi Children's Hospital



Wuhan Central Hospital



Guangxi Baise Youjiang
National Hospital



Medical center

SHOPPING MALLS AND PUBLIC PLACES



Pinger Beijing Office



China Southern





Guanzghou Baiyun I
nternational Airport



Apple Store



Anhuahui Mall

THE HOTEL CLUB



Guangzhou
Four Season Hotel

HIGH GRADE RESIDENCE



Residential1



Residential2



Residential3



Residential4

PinGer [品格] **PINGER WALL PANEL MAINTENANCE**

Cleaning and maintenance requirements

Visitor flow rate	cleaning and maintenance	Stain processing
private room	one time in one year	require time
public place or corridor	two or three times in one year	require time
Main channel or main entry door	one time in one month	require time

Remark:

1. Daily cleaning and maintenance, it can be used to clean the dust layer with a clean cloth
2. If there are a few stains: footprints, tea marks, coffee, etc., use a clean cloth to wipe
3. If the stain is not timely treatment, stay too long, use a clean cloth and neutral cleaner to wipe
4. Use dishcloth to add warm water or cleaner to wipe, need to use clean dry dishcloth to wipe water mark

Tool:

- (1) clothes: clean clothes or scouring pad
- (2) cleaner: Neutral cleaner

Special remind:

Use dishcloth to add warm water or cleaner to wipe, need to use clean dry dishcloth to wipe water mark

PinGer [品格] **PACKING**

