

Pinger Wall Protection sheet

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

Pinger Antibacterial Rigid Vinyl Wall panel

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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

1mm, 1.5mm, 2mm, 2.5mm, 3mm, 4mm

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.