

Art Nouveau series

Digital self-adhesive vinyl (fabric) wall covering

McSign DecoWall®



McSign DecoWall® are available in two types: the fabric backed DecoWall® fabric and the self-adhesive DecoWall® vinyl, both are flame retardant textured with different canvas-like patterns with pearlescent finishes to suit a variety of digital ideas that are durable, washable and attractive to be used for decorating the commercial, residential and many public places...

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Product description & purposes

McSign DecoWall® are available in two types: the fabric backed DecoWall® fabric and the self-adhesive DecoWall® vinyl, both are flame retardant textured with different canvas-like patterns with pearlescent finishes to suit a variety of digital ideas that are durable, washable and attractive to be used for decorating the commercial, residential and many public places.

The DecoWall® fabric composed of the textured contract vinyl laminated with a mesh fabric backing for enhanced stretch resistance. And the DecoWall® vinyl are pre-adhesive coated to makes it easier for application and saves the user to prepare a standalone adhesive required for traditional wall coverings. The DecoWall® are best suited to use on places requiring a heavy duty vinyl wallcovering with custom designs for use in the corridors and walls of the hotel, airport, shopping malls, hair salon, commercial shop front and designer homes etc. Any images, patterns, lines and borders can be digitally reproduced onto heavy vinyl with and without fabric backing giving the application site a customized durable, washable and attractive wallcovering. DecoWall® is the essential element to match the interior essence to the lighting, curtain, furniture, pillows, sheets, and carpet style of a home, design hotel, a relaxation spa and lounge.

Composition

DecoWall® fabric

Face stock: Flame retardant grade pearlescent textured PVC with mesh fabric base.

Adhesive: to be applied during application

Release paper: N/A

Codes:

1. **MESH-OTR**
2. **DRIP-OC2**
3. **CAVIAR-374**
4. **CANVAS-307**

DecoWall® vinyl

Face stock: Flame retardant grade pearlescent textured PVC

Adhesive: pre-coated emulsion-based pressure sensitive acrylic adhesive

Release paper: 130g two side PE coated paper

Codes:

1. **MESH-OTRA**
2. **DRIP-OC2A**
3. **CAVIAR-374A**
4. **CANVAS-307A**

Size

61cm (24") x 50M or 50Y

122cm (48") x 50M or 50Y

Usage

- Custom digital wallpaper and borders, vintage retro wallpaper, digital murals, digital portrait (creative photography reproduction), art reproduction and custom digital door / panel murals
- Location: airport, hotel, shopping malls, hair salon, commercial shop front, designer homes etc.

Advantage

- Digitally printable with solvent, eco-solvent, UV cure inks and HP latex ink for creative imaging reproduction
- Reduces the inventory of traditional wall paper / wallcovering with fixed patterns
- Ability to widen customized projects

Application

Printing

- Heater settings pre and post heating recommended during printing to allow the ink to be properly settled and fixed on the vinyl surface
- An UV cured liquid coat is recommended (if available) to prolong the durability of the prints

Installation

- On site assessment of wall condition prior to installation
- Installation by skilled workmen and after sales service of repairing damaged wallcoverings is recommended
- The fabric backed PVC wall covering material uses a emulsion-based adhesive. It bonds to clean surfaces with light pressure and cannot be repositioned.
- The non-fabric backed PVC wall covering material uses a solvent based pressure-sensitive adhesive. It bonds to clean surfaces with light pressure and cannot be repositioned.
- Recommended application temperature: 5°C to 40°C

- Apply to flat and uniformly curved surfaces

Maintenance and cleaning

- Use soap water / detergent with neutral PH or a cleaner designed for high-quality painted surfaces. The cleaner should be in liquid form, non-abrasive and without strong solvent.

Removal

- Mostly can be removed and leave little or no adhesive residue on the substrate

Health and Safety

- No health and safety concerns. Follow local regulations on disposal of removed waste material and beware of related environmental information

Shelf life, storage and shipping

- Shelf life: from the date on the original box or inside the core, up to 2 years unopened, or opened within 1 year
- Storage: 5-40°C / 65%RH, keep out of sunlight and moistures,
- Shipping: always ship in original box and packing materials

Specification

Material: flame retardant grade vinyl & mesh fabric

Color: various, opaque

Gloss: textured with pearlescent coat

Thickness: 12 mils (0.30 mm with fabric), 4 mils (0.10 mm PVC only)
with adhesive: (PVC no fabric) 5.2-5.5 mils (0.13 - 0.135 mm)

Adhesive type: latex-based pressure-sensitive

Adhesive color: clear

Liner: double side Polyethylene-coated paper

Tensile strength: (2400 g/10mm at 23°C/73°F), minimum

Adhesion: 24 hours after application

Aluminum, anodized: 1100 g/25mm)

Stainless steel panels: 1350 g/25mm)

Chemical resistance: Resists mild alkalis, mild acids, and salt. Surface resistance to water spills (does not include immersion)

Flammability:

- ASTM E84 (USA)
- CNS 7614 A3125-1994
- ASTM D4433-84
- JIS D1201-1977
- Meets WACOA (Wallcoverings Association of Japan) requirement

Warranty

- 3 years on unprinted base material
- 1 years when handled / printed by qualified personnel and applied to properly assessed surface
- Image / prints warranty subject to the printer ink used, printing process and after print protection