

SPC Wall Panel

ModeratoM

Installation Instructions



INTENDED USE: Various Residential & Commercial Interior Wall Applications - Including Wet Areas.

Dimensions: 37.8" x 110.25" | 960 x 2800mm

Thickness: 4mm

Quantities: Piece: 29 SQFT | 2.70 M2 – **Pallet:** 50 PCS | 1450 SQFT | 134.76 M2

Truckload | Container – 18 to 20 pallets

Weights: Piece: 50 LBS | 22.68KG – **Pallet:** 2500 LBS | 1134 KG

PANEL CHARACTERISTICS

100% Waterproof – Stone Polymer Composite panels are extruded panels with 12mil (0.3mm) wear layer and Specially formulated UV coating applied to the surface of the panels. These panels can be used in wet areas inside of residential and commercial settings.

Dimensionally Stable – Due to its high marble powder content (70%), SPC panels are inherently highly stable in normal temperature ranges of 15C to 45C. These panels are not affected by humidity.

Stain and Scratch Resistant – The non-porous surface of our SPC panels, combined with our specially formulated UV coating provides an excellent surface that resists stains from common household liquids and scratches.

Handling – The panels should be kept as flat as possible during transportation and handling at the job site. Do not lay the planks against a wall. Carry the planks in a way that prevents them from excessive bending. Lay the planks on a clean surface. When planks are being cut with a saw, make sure to tape the base of the saw with painters tape to prevent scratching the surface of the panel. Use a high tooth count saw blade in order to create nice smooth cut. Metal cutting wheel on a grinder also does a good clean job.

Acclimatization – Before installation, the SPC panels should be left to acclimate for 12 hours if they they've been stored at 15F higher or lower then normal room temp. They must be stored flat horizontal surface.

After Installation Use and Care – SPC panels can be used as soon as the silicone and adhesive has had 24 hours to reach an adequate level of cure. Complete curing takes approx 7 days. Do not hang heavy objects on the panels directly – drill them to the wall for proper support. Use a mild cleaning agent with cloth towel to clean the wall panels – do not use abrasive cleaning products as they may cause damage.

TOOLS NEEDED:

These 3 specialty products will be available thru our distributors;

- **SPC Panel High Tack Adhesive** – 290 ML Bottles. Each Panel (29 sqft | 2.70 m2) Requires approx 3 bottles.
TIP: battery operated or pneumatic caulking gun is highly recommended
- **4.5mm Stainless Steel Sdge Trim** – for finishing outside corners.
- **3mm grout space tile levelers with special thin base**. Do not use other store bought tile levelers. Their bases are too thick! They will cause the edge of panels to come off the wall.

Also Required General Installation Products

- 4 foot level
- Matching color silicone, and painters tape for sealing joints
- Measuring tape, circular and hole saw (with high teeth count).

APPROPRIATE SUBSTRATE:

- The SPC panel adhesive will bond with many varieties of substrates including non glossy tile, wood, concrete, drywall etc.
- The surface must be flat to 1/16 mm within 3 feet, clean, free of adhesives.

INSTALLATION:

1. Measure and mark any holes that need to be cut on the SPC panel for pipes etc.
2. Cut panels and the necessary holes using appropriate saw, making sure not to scratch the surface of the panel. Taping the base of the saw can be good method to prevent scratching it.
3. When ready to apply adhesive to the wall, mark on the wall, where the panel will be installed and apply 5 vertical lines on the wall for each section of SPC panel. Also horizontal lines at top and bottom. The adhesive lines at the edges should be placed no further than 2" from the edge. The adhesive lines should be very thick. The adhesive has high viscosity which is what gives it the tackiness, so we highly recommend a battery operated or pneumatic caulking gun. Each panel should use up 3 290 ml bottles of adhesives.
4. Before pressing the panel against the wall, make sure the back of the panel is free of dust.

5. Press the panel against the adhesive using your 4 foot level. Tape the edge of your level to prevent it from scratching the surface of the panel.
6. Use tile levelers with a thin base (available from distributor). While removing the tile levelers, take special care, as the adhesive may not have fully set. It takes 4-7 days for the adhesive to fully cure. Do not use a mallet to remove the levelers. Use the tightening tool to snap them off. Try putting pressure against the wall as you remove the levelers so you don't break adhesive bond.
7. Apply the 4.5mm stainless steel trim on the outer edges to finish the installation.
8. During the silicone application at the grout joints, tape the grout line along the edge of both panels before applying the color matching silicone. Make sure to push enough silicone into the joint. Then use a round tipped silicone scraper to remove the excess. Remove the tape once the silicone has set.
9. When applying silicone on the inside corners, take care to run a smooth bead. Before scraping the excess, misting water + dish soap mixture along the joint, seems to prevent the silicone from smudging on the panels.

