IFLEX.

INSTALLATION MANUAL

IFLEX decorative panels are created for an easy installation and do not require any special equipment or expertise. The panels will not absorb moisture or crack during installation. The decorative panels are intended for indoor use, and can be installed vertically or horizontally.

Maintenance and cleaning of all decorative panels: the panels are low maintenance, only requiring cleaning with mild soap and water or ordinary cleaning agents to maintain their appearance or shine. Please avoid using bleach, vinegar or similar substances on the panels.

This information is intended as a guide only. Each situation will differ and there may be alternative methods of installation not detailed below.

1. WPC Décor Flexi Sheets

Installation process: the sheets feature an interlocking system with concealed mounting clips for a seamless look, facilitating easy do-it-yourself installation. Use construction adhesive to attach the sheets to the wall. The adhesive must be placed on the sheets in blobs of minimum spacing of 400mm.

Alternatively, **skirtings** can be applied to either side of the sheets to secure the sheets to the wall.

If the sheet is to be wrapped around a corner (eg. a bar), an **edge can be cut and mitered** to create a clean, neat finish edge.

If the sheet you have ordered contains lined grooves on the back, then the panel is **easily bendable** and can be glued to **running tracks** for security (particularly where the sheets are being installed to a vertical surface). Finally, use screws to nail the running tracks to a solid wall. Importantly, we recommend that you use 16-gauge nails when attaching the running tracks to the wall. As an alternative, a PPN nailer or aluminium fixing gun may be used to achieve the same result. Please note that such equipment typically contains 12-14 gauge nails.

2. Magnesium Silicate Flexi Boards

Adhesive: Megapoxy or good industrial epoxy for internal use. Alternatively, tile adhesive or Polyurethane Adhesive. Please note that the recommended adhesive is available to purchase at IFLEX.

Handling during installation: IFLEX magnesium silicate Flexi boards are a pre-painted feature finish. Clean, white gloves should be worn when handling and installing the panels.

Installation process: Simply run a **bead of adhesive along the back of each panel and at each end**. Attach the panels with adhesive to a solid, dry surface for a final finish.

3. PU Stone Flexi Panels
(Not Codemark Certified)

Materials: Construction adhesive and 8 gauge nails. The recommended adhesive can be purchased directly from IFLEX.

Storing the textured polyurethane panels: we recommend laying the panels flat on a surface.

Mechanical fastening: use 16 gauge nails as appropriate for your installation. As the panels are of differing thickness over the patterned surface, please ensure that your nails are of an appropriate length.

Before applying adhesive and fixing to a wall, ensure that each panel is the right way up and check that the pattern will align when all the panels are mounted to the wall.

Materials:
- Nails
- Construction Adhesive/Glue
- Screwdriver
- Sandpaper or sanding block
- Caulking gun textured panel colour-matched caulk

Installation process: the textured polyurethane panels should be installed on a solid backing. The surface should be flat and free of any loose particles, grease or oil and defects. **Simply add adhesive in blobs of minimum spacing of 400mm between each blob**. Press the panels to the wall. We recommend the use of construction adhesive and **nails in every joint.**

To finish, we recommend you use **texture panelled colour-matched caulk to fill all nail holes and spaces in the joint**. Smooth caulk and wipe away any excess (you can use a wet rag) and finish the seams of the wall to complete the project. Please note that running tracks are not required for the installation of these types of panels.

4. Translucent Flexi Boards
(Not Codemark Certified)

There are more than 20 designs available in this product. The panels should be installed against lights for an optimal effect.

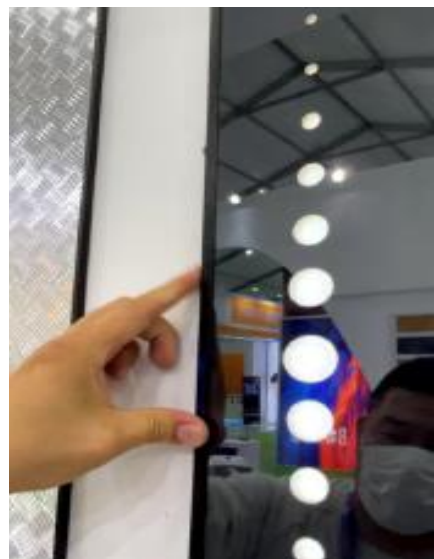Materials: Construction adhesive. The recommended adhesive can be purchased directly from IFLEX.

Installation process: Install the lights against the wall surface as well as the three-sided aluminium alloy trim.

Next, install the acrylic light transmitting panel against the aluminium alloy trims by sliding the panel into the trim.

The fourth aluminium trim line should then be installed.

5. Grating Flexi Boards
(Not Codemark Certified)

Installation process: the grating Flexi boards should be installed on a solid backing. Simply add the construction adhesive in blobs of minimum spacing of 400mm between each blob. Press the panels to the wall.

Step 5: Apply structural adhesive

Once the panel is fixed to the wall, it is necessary to reinforce the panels with buckles, per the image below.

Step 7: Use buckles for reinforcement