



## Aluminum decking installation guide

### Before installation

- Please ensure that all the materials received are in good condition and conform to the drawing and the quote provided.
- Joists must maintain a flatness within 1/4".
- The new aluminum decking should exceed the fascia by 2" in the front only. This is required for proper drainage and drip.
- In order to help with the alignment, mark the frame and joists at 24 1/8" increments. Remember, our planks are 6 1/32" wide.
- Joists should be spanned at 24" or less center to center.
- A slope of 1/8" per foot is required following the water flow. A slope of 1/4" per foot is recommended.
- VERY IMPORTANT :\_In case of any direct contact between the aluminum planks and treated wood. Install, following the manufacturers recommendation, a "Blueskin" or "Redzone" or similar type of membrane on the joists or on any contact point.
- To help with water drainage, the joists must be installed parallel with the wall. If the existing balcony is already installed and the joists are perpendicular to the wall you have two choices, A) Install bridges between the joists at 24" center to center, or B) Install a 3/4" plywood over the joists so that the planks can be fixed to it.

#### *Important note :*

*Even though our decking is considered weatherproof, it can't be use as a roofing material. In order to prevent water infiltration, it is essential to install a waterproof membrane on the roof before installing this product.*

## Installation

### *Step 1:*

Make sure that there is a slope of 1/8" per foot facing away from the wall.

### *Step 2:*

Layout the planks to ensure that there is no manufacturing defects or any color variation.

### *Step 3:*

If necessary, prepare the wall where the decking will butt against by cleaning it. Once the installation process is complete, a layer of sealant will be applied in the gap left between the wall and the planks.

### *Step 4:*

Make any cuts or adjustments to the decking if required.

### *Step 5:*

Lay the first plank and drill 13/64" holes alongside the outermost flanges. Make sure you are perpendicularly aligned with the joists. Drill through the metal only.

### *Step 6:*

Square the plank and screw it down with #10-1" screws through the holes you previously drilled.

### *Step 7:*

Using the sealant, fill the water channel on the plank where the decking butts against the wall. Filling it only 2 1/2" long, this will prevent water from backing up and leaking on the wall.

### *Step 8:*

Interlock the following plank in the groove of the preceding one.

### *Step 9:*

Once the new plank is in place, drill 13/64" holes on the outermost flange following the joists. Screw it in place with #10-1" screws. Fill the first 2 1/2" of the water channel with sealant.

### *Step 10:*

Repeat steps 8-9 for the following planks until you reach the end plank.

### *Step 11:*

For the end plank, interlock the plank and drill 13/64" holes on the outermost flange following the joists. Screw it in place with #10-1" screws. Fill the water channel with sealant.

### *Step 12:*

Install the side trims with a rubber hammer.

### *Step 13:*

Install the front trims with #6-1/2" screws.

### *Step 14:*

After all the planks and trims are installed, seal the gap between the decking and the wall with silicone.