



altro

# Installation instructions for Altro Promenade™

Slip-resistant sheet vinyl for exterior spaces

updated 11/27/23

## Preparation

The preparation and detailing for all areas is important however this cannot be over-stressed in areas that will be subjected to water and all the other elements associated with wet areas and exterior use. Altro will whenever possible assist with preparation and detailing questions however final responsibility for product performance due to inadequate preparation or detailing will be the responsibility of others and not Altro.

Follow and adhere to all local, state, and federal PPE recommendations and guidelines.

- One of the first steps to a successful installation is to ensure that the area (environment) is clean, solid, sound, dry, and within the temperature ranges required for the adhesives to bond, set, and cure. (This may require waiting for better weather, constructing a canopy structure to protect from direct sunlight, rain, or other inclement weather and conditions, allowing substrates to dry out, etc.)
- In addition to meeting the environmental conditions noted above the detailing for items like slope and pitch of the deck, drip edges, flashings, moisture tolerant deck and patching materials, surface membrane clamping drain and fixture details, water diversion, and all other details and items required to prevent water from penetrating under the flooring material and to allow for proper water runoff is to have been decided upon, specified, planned for, and whenever possible, done prior to installing the Promenade decking/ floor covering material. **Please contact Altro technical services for assistance with detailing questions.**
- Slope and pitch needs will vary depending upon the particular area and type of application and will depend upon local code requirements (please check with your local building department). **Please note:** the slope/pitch will vary depending upon the expected volume of water.
- Flashings, drip edges, diverters, must be designed to divert the anticipated volume of water away from walls and all other areas of potential penetration and leakage.
- Drains, scuppers, trenches, clean outs, and all other penetrations, must either be of a surface membrane clamping type or of a heat-weldable PVC type that the flooring can be heat-welded to, all areas must be detailed so as to provide a water tight finish.
- The surface that the Promenade material will be bonded to must be dry, sound, solid, and smooth. Grind high spots and fill low

spots with moisture tolerant patch such as ARDEX CD FINE™ or for deeper repairs ARDEX CP™—always consult with patch manufacturer for suitability of patch. Areas that allow standing water are to be avoided.

- For installation acclimate all materials (substrates, flooring, adhesives, accessories, etcetera) to the ambient conditions of the installation area, a temperature range of 60°F (15.56°C) to 85°F (29.4°C) is acceptable. The area must be dry and have been detailed per previous instructions. In certain high sunlight areas a canopy may be required to provide shade while gluing the deck material in place.

The minimum temperature limitation and performance for Altro Promenade sheet flooring is dependent on the subfloor it is being installed on. If concrete, wood or other types of subflooring moves, cracks, experiences frost heaves or fails to perform in cold temperatures, Altro Promenade flooring will mimic its behavior.

Altro has no control over subfloor performance and therefore is not responsible for subfloor problems or damage caused by temperatures creating problems in the subfloor beneath Altro Promenade. Installations must use approved adhesive within advised temperatures and be in accordance with all current recommendations.

## Adhesives

Selection and use of the correct adhesive for the type area and its intended use and exposures is critical to product performance, some of the adhesives available are:

- Altrofix ZERO (1-part moisture cured hybrid urethane) is acceptable for outdoor applications.
- Polyurethane, epoxy, and MS polymer adhesives, sealants, and caulking (recommended for exterior and interior use around swimming pools and areas exposed to rain water).
- Contact adhesives (solvent base and water base) are suitable for flashings and in certain circumstances may be suitable for flooring installation.
- Epoxies, polyurethane, and MS polymer are applied with a 1/16" X 1/16" X 1/16" V notched trowel, and in some instances of very rough subfloors may be applied with a 1/16" deep X 1/16" wide X 3/32" apart U notch trowel.

- Acrylic adhesives (suitable for indoor dry areas) are applied with a 1/32" deep x 1/16" wide x 1/32" apart notched trowel, and in some instances of very absorbent subfloor surfaces may be applied with a 1/16" deep X 1/16" wide X 3/32" apart U notch trowel.
- Contact adhesives are applied with paint brushes, rollers, and in some instances may be sprayed.
- Always use a push board followed by rolling to ensure 100% adhesive transfer and that all trapped air is removed.
- Always check for and ensure that 100% adhesive transfer has taken place from the trowel ridges of the adhesive spread on the subfloor have transferred to the backing of the flooring material.
- Labor will be greater when using epoxies and polyurethane adhesives.
- Solvent base contact adhesives may be flammable and contain and off-gas hazardous vapors.
- Adhesives will not permanently bond to wet surfaces, bonding surfaces must be solid, sound and dry.
- Ensure the proper adhesive selection for the type area and its exposure.
- Altro recommends adhesive bond testing.

Consult with Altro technical services for proper adhesive selection and application questions.

## Layout, installation, seaming and heat-welding

After having ensured that the area is detailed, prepared, and conditioned per the previous instructions flooring material installation may take place:

- Layout the installation area so that seams in the flooring will be at a minimum (avoid small pieces particularly at the perimeter).
- Flooring must be unrolled and acclimated to the jobsite.
- Cut flooring 2" inches oversize in length to allow for trimming (allow for all flashings, coves, edges, etcetera, a minimum of 6" inches up walls and other abutments).
- Cut net and fit to finish requirements.
- Install with Altro adhesive specified for the site conditions.
- Install rolls in sequential order following roll numbers on the labels.
- Do not reverse sheets unless instructed otherwise by manufacturer's technical representative.
- Immediately place the flooring into the wet adhesive.
- Roll the flooring in both directions using a 100-150lb 3 section roller.
- All seams must be grooved 30% - 40% and heat-welded. For best results, trimming should be done with a slim trim knife due to the embossing of the material.
- Finish all flashings, drains, scuppers, trenches, clean outs, drip edges, diverters, and penetrations in a water tight fashion.
- Caulk and seal as needed.

Consult with Altro technical services for proper adhesive selection, application, and installation questions.

## Repairs

Inspect on a regular schedule and repair all damages to the floor in a timely and regular basis, ensure all seams, deck edges, flashings, subfloor, walls, and all other areas are and will remain water tight.

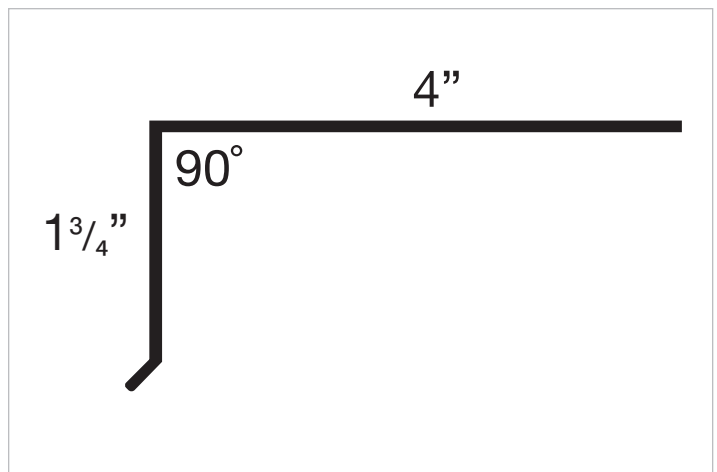
- Develop a regular schedule of inspection and repair that meets the needs of the areas uses and potentials of damage.
- Inspect all Seams and Heat-Welds for damage, repair immediately.
- Inspect for functionality and damage all flashings, drains, scuppers, trenches, clean outs, drip edges, diverters, penetrations, and if damaged or in disrepair repair as soon as possible if not immediately.
- Re-Seal and re-calk on a regular and recurring bases and as needed.

### Caution

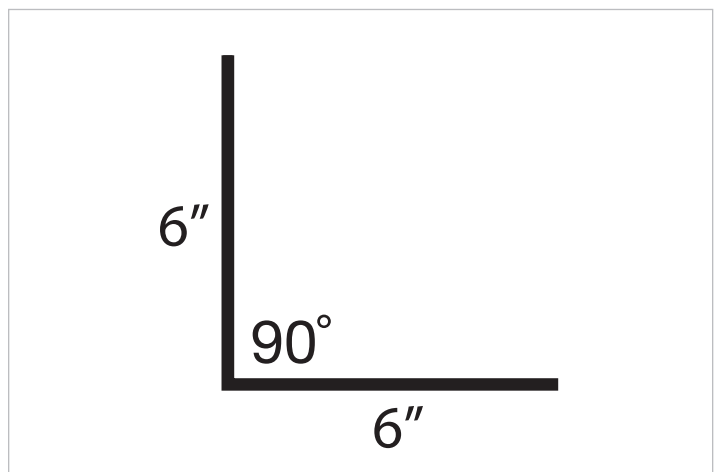
- Prevent cigarettes, barbecue briquettes, and other hot objects from contacting the deck.
- Avoid solvents, acetones, keytones and other solvents that can damage vinyl.
- Protect the deck from sharp objects and furniture feet rest that may not have adequate feet/rests to flatly distribute the weight of the object on the deck.

## Installation accessories

PVC coated drip edge.



PVC coated roof to wall starter.



For questions and additional information please contact your local Altro representative or Altro Technical Services.