



Installation quickfacts for adhesive-free flooring

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Installation quickfacts should not replace Altro's complete installation and maintenance library. For indepth information, Installation and Maintenance guides are available online at altro.com/techdocs

Adhesive based on flooring

Altro XpressLay - 2.2mm Altro Looselay tape

Altro Cantata - 2.2mm Altro Looselay tape

Contact your sales representative or Technical Services for flooring recommendations in wet areas.

Grooving depth based on flooring

Altro XpressLay - 2.2mm 70%

Altro Cantata - 2.2mm 70%

Substrate preparation

- Patching materials used on substrate must be Portland-cement based patching compound. Gypsum-based compounds and/or silicate based admixes and sprays are unsuitable.
- Wet area patching and/or smoothing must be carried out using a moisture tolerant patch.
- Concrete surface pH should not exceed 9.9 alkalinity.
- Conduct moisture tests per ASTM F2170 on all concrete slabs regardless of age or grade level. Relative humidity tests must not exceed 97% RH.
- If radiant heating is to be used, moisture content must not exceed 80% internal relative humidity as tested by ASTM F2170.
- All concrete on or below grade must have a fully functioning and intact sub-slab moisture vapor barrier.
- Substrate should be smooth, clean and dry.
- Do not use markers, pens, construction crayons, tapes, or paints on the subfloor. This may bleed through and cause permanent staining.

Acclimatizing material

- HVAC at job-site must be operational prior to installation.
- Set HVAC at 68°F / 20°C for 72 hours prior to installation.
- Rolls should be kept standing upright, in a secure location to prevent toppling over, for a minimum of 72 hours at 68°F / 20°C.
- HVAC should remain at 68°F / 20°C before, during and 72 hours after installation.

Fitting / laying

- Material should be checked for defects, unmatched dye lots, etc. If a fault has been found, do not proceed. Warranty claims against defective material will only be considered if the flooring has not yet been permanently bonded.
- Use pattern scribe, direct scribe or freehand knifing. Do not use markers, pens, construction crayons, tapes, or paints on the flooring. This may bleed through and cause permanent staining.
- Cut into lengths, as determined by the flooring design. Allow lengths to lay loose for 2 hours to assist in conditioning the flooring.
- Back roll lengths to take out any remaining tension in the product.
- Ensure all lengths are layed in the same direction.
- Properly prepare the substrate for the tape by applying a coat of W165 tape adhesive promoter where the tape will be applied.
- Lay all rolls and cuts in consecutive order.
- Pattern matching is not necessary.
- Altro Looselay tape should be placed on the substrate and centered under all seams and joints, as well as at the perimeter of the room.
- At all tape locations, hand roll the installed flooring into the tape.

Seams / heat-welding

- Seams may be heat-welded immediately after laying.
- Always test on a piece of scrap flooring before beginning heat-welding. If test piece shows scorching, lower temperature of the gun and progress slower.

- Do not gap the seams.
- All seams should be cut in net, grooved and heat-welded with the correct tools outlined in the Altro flooring installation guide.
- Ensure all seams are grooved to the correct depth, but not through the mesh backing.
- All internal and external corners must be heat-welded.
- Altro recommends butterfly or v-plug on external corners.
- While warm, trim off the top layer of weldrod with a trim plate and spatula knife.
- Once cooled, trim the excess weldrod flush with the flooring using a spatula knife.
- For vertical seams and corners, use X-Acto blades to trim.

Drains and wet areas

- Smooth sheet Altro Cantata, should not be used in wet areas, however, slip-resistant Altro Xpresslay may be used if particular care is taken around wet areas.
- Altrofix 30 adhesive must be used in all wet areas and all areas that have drains, clean-outs, trenches, floor sinks and plumbing fixtures.
- **Clamping style drains and cleanouts must be used.**
- Gully angle, gully edge, shower transition trims and more wet area accessories are available through Altro.
- Detailing guides for commercial kitchens and other wet areas can be found on our website under altro.com/techdocs

Protection

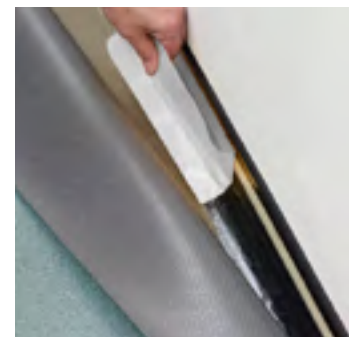
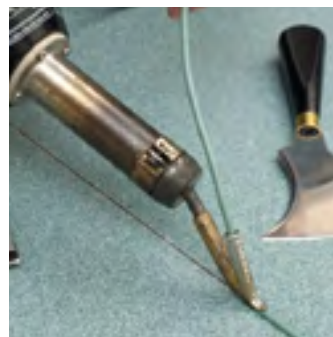
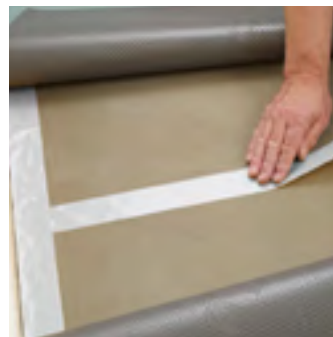
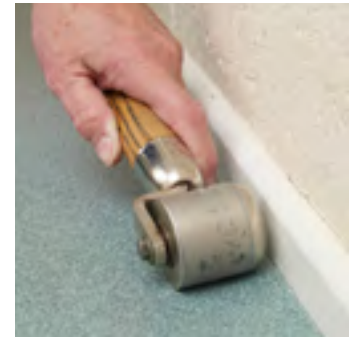
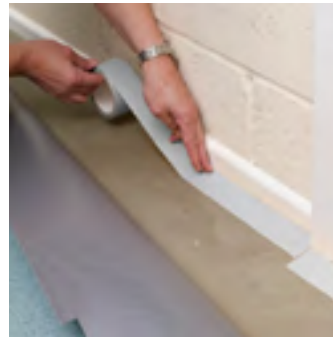
- Flooring should be covered and protected from all other trades during construction with a suitable non-staining protective covering.

Initial maintenance

- When possible, do not begin any maintenance until 72 hours after installation is completed.
- Sweep or vacuum floor surface to remove all loose dust and debris.
- Apply diluted* AltroClean 44 to the floor. For moderate soiling use a 1:40 dilution ratio. For heavy soiling use 1:10. Allow to sit for five minutes to allow the cleaner to attack the surface soil.
- Scrub floor with an automatic scrubber (3 in 1 machine) or a standard low speed swing machine (150rpm to 350rpm) fitted with an Altro Unipad™.
- If using a standard low-speed swing machine, remove wash water with a wet vac. Ensure the floor is thoroughly rinsed with fresh, clean water. No cleaning residue should remain on the floor.
- Allow surface to dry before use.
- Finish is not recommended and will lessen the slip-resistant properties of safety and slip-resistant flooring.

Additional information

- Asphalt and certain rubber products, like black rubber mats and rubber soled shoes, can cause staining on vinyl flooring. Please protect flooring and/or conduct stain tests.
- Altro assumes no liability for improper flooring installation or maintenance.
- Failure to install, heat-weld and/or maintain the floor correctly could void the warranty.
- Altro flooring must be installed by a professional flooring installer that has attended an Altro training clinic.
- Full installation procedures are available at altro.com/techdocs



**For further technical advice
please contact 800.377.5597 or email
support@altrofloors.com**