



# AltroFix™ 30

## Two-part polyurethane adhesive

AltroFix 30 is a solvent-free, two-component polyurethane adhesive formulated to permanently install resilient sheet vinyl flooring. It has been formulated to produce a superior, flexible bond required for use in high traffic applications and demanding wet environments.

### Features and benefits

- Non-Flammable
- Low VOC's
- Solvent-free
- Low odor
- Excellent plasticizer resistance
- Excellent moisture and alkali resistance
- FloorScore Certified
- Complies with SCAQMD # 1168
- Coverage/spread rate, approx. 150 s/f gal
- 2 year shelf life

### Suitable substrate

- APA underlayment grade plywood
- Concrete substrates (prepared accordingly to ASTM F710)
- Existing well bonded non cushioned backed vinyl, tile, and sheet flooring
- Terrazzo (properly prepared with all waxes surface finished removed)
- Metal substrates (must be clean, dry, rigid, and lightly sanded)



Adhesive coverage is only an approximation based on experience, manufacturers recommendations, and subfloor texture and porosity, Altro does not warrant nor guarantee actual adhesive coverages.

### Sustainability

Altro is fully committed to sustainability. Through careful product development, our expert team of technicians and chemists have worked to develop healthy, costeffective adhesives that perform and are compliant with even the most stringent environmental regulations. This product complies with South Coast Air Quality Management District VOC requirements and contains less than 12grams/liter.

LEED facts			
LEED v4		This product may help contribute to the following credits	
AltroFix 30			1
		Environmental quality Low emitting materials, adhesives	1

Discover more of our sustainability story and credentials at [altro.com](http://altro.com)

Available in ½ gallon [AL300.5] and 1 gallon [AL301.0]



## Substrate testing

- RH - 90% (ASTM F2170)
- pH - 8-9.9 (ASTM F710)

## Substrate and surface preparation

Follow Altro's installation guidelines. Substrate must be prepared per ASTM F710 standards including, but not limited to the following:

- Concrete floors must be dry, clean, smooth and structurally sound. They shall be free of any foreign materials that might prevent adhesive bond, including dust, dirt, solvent, paint, wax, oil, grease, adhesive removers, residual adhesive, incompatible sealers, fire retardant chemicals, fungicides, release agents, alkaline salts, excessive carbonation, laitance, mold, mildew, and curing, sealing, hardening or parting compounds.
- Adhesive can be used on all concrete grades. On and below grades must be free of moisture with a fully intact and effective subslab vapor barrier.
- Wood floors must be double construction with a 1" minimum thickness, structurally sound, securely fastened and free from deflection/spring. The top layer of wood shall be underlayment grade plywood. Cracks and uneven surfaces must be sanded or filled with an approved cement-based patching compound. Refer to panel manufacturer for instructions.
- Fill all surface cracks, grooves, depressions, control joints and non-moving joints with cement based moisture resistant patching and self-leveling compounds, allow to fully cure and correct high spots before applying adhesive.
- The adhesive and flooring must be acclimated in an enclosed building with the HVAC operational between 68°F - 85°F (20°C - 29°C) for at least 72 hours before, during and there after the installation. Slab temperature is to be between 65°F - 80°F (18°C - 27°C). Relative humidity is to be between 35-55% relative humidity.

## Application instructions

1. Pour the entire contents of the Part B container into the Part A container. Using a low-speed mixer, thoroughly mix the contents until a smooth, even colored consistency is achieved. Immediately pour the entire contents onto the substrate. Do not allow mixed adhesive to set in container. Mixed adhesive will cure faster when allowed to remain in mixing container. Adhesive shall be mixed and applied at normal room temperature. Excessive heat will cause adhesive to cure faster.
2. Spread adhesive evenly using a 1/32" x 1/16" x 1/32" U notched trowel. Once applied, the working time of the adhesive is 45-60 minutes (higher room temperatures will result in shorter working times). To insure transfer of adhesive to back of flooring, it must be positioned while adhesive is wet. Allow a 10-15 minute open time before positioning the flooring.

3. DO NOT allow the flooring to "flop" into place. This may cause air to entrapped beneath.
  - Use a push board to help remove excess air under the flooring.
  - Use kneeling boards when working on top of the flooring.
  - Immediately roll flooring in both directions with a 100 lb. three-section floor roller.
  - Periodically lift a corner of the flooring to verify proper transfer of adhesive.
  - Weight may be require to reduce end curl while the adhesive sets.
4. Before leaving the project, make a final check for any bubbles, pockets of air, hollow sounds, etc. Once the adhesive sets and cures there are NO CORRECTIVE MEASURES POSSIBLE.
  - Wait 8 hours for light foot traffic, 24 hours for moderate traffic, 48 hour for heavy traffic and rolling loads.

## Cleaning instructions

Remove wet adhesive immediately with a clean dampened cloth with isopropyl alcohol, denatured alcohol, or mineral spirits. Do not apply solvent to the flooring. Cured adhesive is very difficult to remove.