

Construction Adhesive

Position, bond, and remove materials in tilt-up casting beds

Construction Adhesive

A high-strength, fast-drying, low VOC, pressure-sensitive adhesive used for positioning chamfers, reveals and rustications in tilt-up casting beds.

The web spray adhesive is suitable for concrete, metal, plastic, wood, MDF, fiberglass, and other materials. Product offers heat and water resistance.



Construction Adhesive - inverted aerosol can



Construction Adhesive - canister



Canister Gun with Adjustable Flow Rate



Construction Adhesive Edge Form Bracket Installation

Construction Adhesive & Accessories		
Part No.	Description	Packaging
SBFCA14	Construction Adhesive - LVOC inverted aerosol spray - 14oz can	12/case, 108 cases/pallet
SBFCA28	Construction Adhesive - canister tank - 28 lbs	36/pallet
SBFAC5	Adhesive Cleaner - 5 gallon pail	36/pallet
SBFCGAF	Canister Gun w/Adjustable Flow	-
SBFCH12	Canister Hose - 12' Length	-

SureBuilt
Concrete Forms & Accessories

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Construction Adhesive Guidelines

1. Use a curing chemical or curing process that is compatible with the Construction Adhesive

Use of bondbreakers or curing compounds containing wax will make bonding to the concrete slab more difficult. Chemicals that aid in curing, meet ASTM C 309 on a steel troweled surface, and do not affect adhesion such as SureBuilt SureCure should be considered. Consult with SureBuilt Tilt-Up Engineering for more information. Site test recommended.

2. Allow sufficient concrete curing

Allow a minimum of three curing days (seven days preferred) after placing a concrete slab. Check for residual moisture before applying adhesive to a newly-placed concrete surface.

3. Carefully prepare the surface

Bonding surfaces (concrete, metals, plastics, wood) must be free of oil, dirt, dust and/or other particles. Use a hard bristle brush/broom to clean the surfaces. When necessary, use an angle grinder with a wire cup brush or Adhesive Cleaner. Note: use of bondbreaker or any cure with wax will inhibit bonding performance of Construction Adhesive.

4. Spray adhesive in a consistent pattern

Applicator tip should be approximately 10 inches from the surface. Constantly move the applicator to minimize overlap and/or over application. Several light spray applications typically provide more consistent and thorough coverage.

5. Provide adequate flash time

Adhesive should be applied to both surfaces, then allowed to “flash off” before matching and bonding those surfaces. Flash time is approximately 1-3 minutes depending on the ambient temperature and weather conditions.

6. Let adhesive dry

Adhesive should be dry to the touch on both surfaces before matching and bonding those surfaces. The adhesive can remain “tacky,” even when it is dry.

7. Apply even pressure to materials

Match treated surfaces and apply heavy, consistent pressure. When bonding longer lengths of materials, be sure they are positioned straight and flat. When bonding longer lengths of materials, be sure to allow approximately 1/16” space for expansion.

8. Check the base

Force from nail guns and/or other power tools can disrupt bonded materials. Allow bonded areas to fully cure before performing other forming operations. Use instant-bond Sticky Sheets to reattach dislodged materials.

8. Water resistance

For reveals and rustications, use impervious materials like plastics. Check adhesive and plastic compatibility before beginning any application. Do not attempt to match and bond wet materials. Incidental moisture after installation is acceptable.

Adhesive Cleaner

Adhesive Cleaner was designed to help clean up adhesive residue. The solvent system attacks residue and can be applied with a sponge and applicator. Adhesive Cleaner is great for removing common aerosol adhesives used in tilt-up construction. Bondbreakers that chemically react with the concrete slab and bondbreakers containing wax will require physical abrasion to prep an area. Site test recommended.