

All Weather Adhesive

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

All Weather Adhesive

A one-part, moisture cure that can be used in both wet and dry conditions to adhere a variety of substrates. The high strength bond is flexible and can provide sealant properties. Its high initial green strength and non-slump formula is ideal for both vertical and horizontal applications. Cure time can be 24 hours or more, depending on the environment.



All Weather Adhesive - sausage

The All Weather Adhesive bonds to a variety of materials such as concrete, foam, metal, MDF, rubber, plastic, wood, and ceramic. Other product characteristics include: 100% solids formulation, underwater curing, high initial green strength, low odor, 50 state VOC Compliance, Non-slump formula, and 24+ hour cure time depending on the environment.

Directions

1. Cut or pierce one end of the package.
2. Put in dispensing gun with opening facing nozzle.
3. Cut nozzle to desired bead size.
4. Prepare both surfaces to be bonded by removing all debris, dirt, and dust.
5. Dispense All Weather Adhesive onto material to be bonded using 1/4"+ diameter bead.
6. Press materials together.
7. Adhesive will begin immediately and continue for up to 7 days after application.



All Weather Adhesive used for Edge Form Bracket and chamfer installation

Adhesives & Cleaner		
Part No.	Description	Packaging
SBFAWA20	All-Weather Adhesive - 20 oz sausage pack - 100% solids	12/case, 45 cases/pallet
SBFAC5	Adhesive Cleaner - 5 gallon pail	36/pallet

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Tilt-Up Guidelines

1. Use a curing chemical or curing process that is compatible with the All Weather 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

Concrete hydration accumulates salts on the slab surface that help with bonding to concrete, however, the salts are water soluble and facilitate debonding to concrete when rain or other moisture becomes present. Use a recommended concrete cleaner that removes surface contaminants and does not leave any residue.

Bonding surfaces (concrete, metals, plastics, wood) must be free of oil, salts, 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: if bondbreaker has been previously installed, clean bonding areas with Adhesive Cleaner while scrubbing with Scotch-Brite pads.

4. Prep materials to be bonded

Remove any dust, dirt, and/or debris from material to be bonded to the concrete.

5. Application

Apply All Weather Adhesive to material to be bonded to the concrete using 1/4"+ diameter bead. For wide materials (wider than 3") it may be necessary to apply two beads to cover full width of material.

6. 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.

7. 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.

9. Removal & Clean Up

Use a scraper or razor blade to remove adhesive or use a sponge and Adhesive Cleaner.

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 such as Scotch-Brite pad to prep an area. Site test recommended.