

# 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. Suitable for concrete, metal, plastic and wood surfaces.

### 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.



*Construction Adhesive Edge Form Bracket Installation*

Adhesives & Cleaner		
Part No.	Description	Packaging
SBFCA14	Construction Adhesive - LVOC Inverted Aerosol Spray - 14oz can	12/case, 108 cases/pallet
SBFAWA20	All-Weather Adhesive - 20 oz sausage - 100% solids	12/case, 45 cases/pallet
SBFCA28	Construction Adhesive - Canister Tank Spray - 28 lbs	36/pallet
SBFAC5	Adhesive Cleaner - 5 gallon pail	36/pallet



*Construction Adhesive - aerosol & canister  
All Weather Adhesive - sausage*

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## **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.

## **Construction Adhesive Guidelines**

### **1. 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.

### **2. 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 solvent cleaner.

### **3. 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.

### **4. 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.

### **5. 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.

### **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.