

## FLINTBOND®

### SBS Modified Bitumen Trowel Grade Adhesive

#### Product Information



**Description:** FlintBond SBS Modified Bitumen Trowel Grade Adhesive is a professional grade, polymer modified flashing cement specially formulated for use with modified bitumen membranes, base sheets and ply sheets. FlintBond SBS Modified Bitumen Trowel Grade Adhesive is manufactured using select asphalt, rubber, solvent and fibers. It provides excellent elongation and recovery properties, plus enhanced adhesive properties and durability. It is ideal for seams, flashings and repairs on SBS modified membranes. FlintBond SBS Modified Bitumen Trowel Grade Adhesive is also excellent for repairs on conventional built up roofing membranes where movement is expected to occur. FlintBond SBS Modified Bitumen Trowel Grade Adhesive eliminates burn hazards associated with hot kettles and propane torches, and is ideal where their use is prohibited. NOTE: This product is formulated for repairs and seams on BUR and SBS asphalt modified roll roofing sheets. DO NOT USE ON APP, TPO, EPDM, PVC or other single ply membranes.

#### Product Advantages:

1. UL Listed
2. Excellent cure
3. Tough, flexible, adhesive and cohesive film
4. Excellent water and weather resistance
5. Outstanding general adhesive
6. Excellent lap cement
7. Good U.V. resistance
8. Easy to apply
9. Asbestos-free
10. Elastomeric, flexible, withstands stress

#### Typical Physical Properties

CHARACTERISTIC	RESULT
Weight per Gallon ASTM D1475	8.8 lbs.
Solids by Weight ASTM D1644	72%
Solids by Volume ASTM D2697	68%
Color	Black
% Asphalt Content ASTM D4125	50%
Shear Strength ASTM D3983	26 lbs./sq. in.
Peel Strength ASTM D1876	13 lbs./lin. in.
Cure Time	24 to 48 hrs.
Performance Temp. Range	-40°F to 180°F
Application Temp. Range	50°F to 120°F
Elongation ASTM D412	250%

CHARACTERISTIC	RESULT
Recovery ASTM D412	95%
Consistency, Brookfield RVF Viscometer, #7 Spindle @ 20 RPM @ 77°F ASTM D2196	800,000 Centipoise
Wet Mil Thickness	16-32 mils
Dry Mil Thickness	11-22 mils

Meets or exceeds ASTM D3019, Type III  
U.L. Listed: File #R11656; Control #84R1  
Miami-Dade Approved



#### Packaging

	FLINTBOND TROWEL GRADE	
Packaging	5-gallon pails	3-gallon buckets
Units Per	36 pails/pallet	48 buckets/pallet
Approx. Wt. Per Pallet	1,696 lbs.	1,720 lbs.

#### Coverage

Apply FlintBond Trowel Grade at the appropriate rate for the flashing detail involved; generally a uniformly spread 1/8-1/4" thick troweling is sufficient.

## **Product Application**

**Preparation:** All surfaces must have proper drainage and be clean and free of surface rust and any other foreign matter. Excessive particulate surfacing materials on modified membranes must be removed (sweeping with a stiff broom is recommended) prior to application. On reroofing applications, all deck and existing membrane repairs should be made first. Severely weathered BUR membranes may require a pre-application of FlintPrime™ Asphalt Primer. Metal surfaces must have all rust and scale removed.

**Application:** Protective clothing and eyewear should be used during application of this product. Apply with trowel or putty knife, working material to an even consistency over and into the area to be repaired. Apply 1/8" to 1/4" thick, two to three inches beyond the problem area. For cracks or holes 1/4" to 3/4" wide, press a strip of asphalt saturated fabric into the cement and cover with an additional layer of flashing cement. Form a cant with the cement around chimneys and other roof projections. Coverage rate is approximately 12-1/2 sq. ft. per gallon when applied 1/8" thick.

**For Best Results:** Apply on clear sunny day when surface temperatures are between 50° and 120°F. Allow a minimum of 45 days cure time to apply reflective coatings.

**Clean-Up:** Clean tools with paint thinner or mineral spirits.

## **Storage**

In colder weather product should be stored in heated room (65° to 80°F) at least 24 hours prior to application.

## **Precautions**

**When transporting this product, ensure that lid is tight and pail secure and upright. Do not allow pail to tumble as this may cause lid to loosen and leakage to occur. Do not transport on passenger seats or inside the passenger compartment of any vehicle. Store product in the cargo area of vehicle, and secure over protective cloths to prevent damage due to accidental spills. Do not store at temperatures above 110°F. For exterior use only. Do not reuse empty containers.**

## **Technical Assistance**

CertainTeed provides technical assistance in the selection, specification and application guidelines for all CertainTeed Commercial Roofing products and systems. Architectural and field representatives are available for consultation within each region. Refer also to the CertainTeed Commercial Roof Systems Specification Manual for additional information.

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