

FLINTBOND®

SBS Modified Bitumen Brush, Trowel, and Caulk Grades Adhesive

Product Information



Description: FlintBond SBS Modified Bitumen Adhesive is a professional grade, rubberized polymer modified, cold applied adhesive specially formulated for use with modified bitumen membranes, base sheets and ply sheets. FlintBond SBS Modified Bitumen Adhesive provides excellent elongation and recovery properties, plus enhanced adhesive properties, improved cold temperature pliability, and superior lap and bonding strengths. It is ideal for SBS and self-adhered membranes. FlintBond SBS Modified Bitumen Adhesive is also excellent for conventional built up roofing membranes. FlintBond SBS Modified Bitumen Adhesive eliminates burn hazards associated with hot kettles and propane torches, and is ideal where their use is prohibited. NOTE: This product is formulated to be used on asphalt modified roll roofing sheets as replacement for hot mop asphalt. Do not use on sheets which require torchdown or other techniques such as "Torching/Polyolefin Film," EPDM, PVC or other single ply membranes without approval of membrane manufacturer.

Product Advantages:

1. UL Listed
2. Eliminates the need for torches and kettles
3. Excellent cure
4. Tough, flexible, adhesive and cohesive film
5. Excellent water and weather resistance
6. Excellent general adhesive
7. Excellent lap cement
8. Good U.V. resistance
9. Easy to apply
10. Asbestos-free
11. Elastomeric, moves with substrate

Typical Physical Properties

CHARACTERISTIC	RESULT
Weight per Gallon	8.65 lbs.
Shear Strength	26 lbs./sq. in.
Peel Strength	13 lbs./lin. in.
Elongation	250%
Recovery	95%
Cure Time	24 to 48 hours
Application Temperatures	40°F to 100°F

Meets or exceeds ASTM D3019, Type III U.L. Listed, Miami-Dade Approved.

Packaging

	BRUSH GRADE	TROWEL GRADE	CAULK GRADE
Packaging	5-gallon pails	3-gallon bucket; 5-gallon pail	10.3 oz. tubes
Product Weight	45 lbs./pail	28 lbs./bucket; 45 lbs./pail	1 lb./tube
Units Per	42 pails/pallet	70 buckets/plt; 42 pails/plt	48 tubes/box; 32 boxes/plt
Approx. Wt. Per Pallet	1,995 lbs.	1,900 lbs.; 1,995 lbs.	1,680 lbs.

Coverage

Apply FlintBond SBS Modified Bitumen Brush Grade Adhesive at the minimum rate of 1 gallon per 100 sq. ft. On porous or irregular surfaces, 2 gallons per 100 sq. ft. may be required. Apply FlintBond SBS Modified Bitumen Trowel Grade Adhesive at the appropriate rate for the flashing detail involved; generally a uniformly spread 1/8" thick troweling is sufficient (approx. 8 gallons per 100 sq. ft.).

Product Application

Preparation: All surfaces must have proper drainage and be clean, dry 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 adhesive application. On re-roofing applications, all deck and existing membrane repairs should be made first using FlintPatch™ Flashing Cement. Severely weathered BUR membranes may require a pre-application of FlintPrime™ Asphalt Primer. Metal surfaces must have all rust and scale removed. MIX THOROUGHLY TO ENSURE PRODUCT UNIFORMITY. DO NOT HEAT OR THIN. DO NOT APPLY IF RAIN IS EXPECTED WITHIN 24 HOURS.

Application: For exterior use only. Protective clothing and eyewear should be used during application of this product.

FlintBond Brush Grade applies easily with a roofing brush or notched squeegee. Apply a continuous film with sufficient amounts to cover all laps so that a small continuous bead can be seen at the lap edges. Press in all laps and bonded areas using a heavy steel roller. Apply all roofing materials and membranes in accordance with recommended procedures.

FlintBond Trowel Grade: Apply with trowel or putty knife working material to an even consistency over and into the area to be repaired. Apply 1/8" 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 feathered edge with the cement where chimneys, ventpipes, and other roof projections meet the roof line.

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

Storage

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

Precautions

This product contains solvents. When working around ventilation units or HVAC equipment, ensure proper fume mitigation procedures are taken to avoid fumes and/or odors from entering air handling equipment and building. 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. CertainTeed also disclaims liability for flat surface application where poor drainage or moisture may prevail. For exterior use only. Do not reuse empty containers. Do not use in drinking water or food systems. Seal containers when not in use.

Technical Assistance

CertainTeed provides technical assistance in the selection, specification and application guidelines for all CertainTeed Commercial Roofing products and systems. Contact the Commercial Technical Department at (800) 396-8134 x2. Refer also to the CertainTeed Commercial Roof Systems Manual for additional information.

ASK ABOUT ALL OF OUR OTHER CERTAINTEED® PRODUCTS AND SYSTEMS:

ROOFING • SIDING • TRIM • DECKING • RAILING • FENCE • FOUNDATIONS
GYPSUM • CEILINGS • INSULATION • PIPE

www.certainteed.com <http://blog.certainteed.com>

CertainTeed Corporation
P.O. Box 860
Valley Forge, PA 19482

Professional: 800-233-8990
Consumer: 800-782-8777

Rev 07/13 © 07/12 CertainTeed Corporation, Printed in the U.S.A.
Code No. COMM-206