

SMARTCOAT™ 301 FIBERED ACRYLIC MASTIC

WHITE – UV RESISTANT

Product Information



Description & Use: SMARTCOAT™ 301 Mastic is a 100% acrylic elastomeric, water-based, fiber-fortified roof mastic intended to seal leaking seams, fasteners, penetrations and/or any splits, tears or deficiencies in the roof's surface prior to coating with SMARTCOAT 400/401 Acrylic Coatings. This product is suitable for application to metal, asphalt, modified bitumen, concrete and most single-ply roofs. While maintaining a high degree of elasticity, the addition of reinforcing fibers reinforces strength and delivers superior crack-bridging performance. SMARTCOAT 301 Mastic is UV-stable; coating is not required.

Coverage: Approximately 12-13 sq.ft. per gallon applied 1/8" thick; additional material may be required when 3-coursing to saturate and encapsulate polyester fabric.

Product Application

1. Clean roof surface thoroughly with SMARTCOAT 100 Roof Wash. Surface must be free of dirt, dust, oil, grease, wax, rust, chalky or loose paint, mildew and any other surface contamination that may inhibit adhesion.
2. If adhesion test indicates primer is required, prime surface with SMARTCOAT 210 Universal Primer. When applying on a smooth or granulated modified bitumen or built-up-roof, though most granulated surfaces do not require primer for adhesion, SMARTCOAT 200 Asphalt Bleed Blocker will serve prevent top-surface yellowing from migrating bituminous oils.
3. Inspect all fasteners; replace loose, broken or missing ones.
4. Material should be applied 1/8" thick with a brush or trowel and extend two inches on either side of the fastener or split. For added strength, reinforce with polyester fabric and apply a second troweling of mastic. Apply only at temperatures above 50°F and rising with no threat of rain for 48-72 hours.
5. Allow MASTIC to dry 4 to 8 hours prior to coating with SMARTCOAT 400/401 Acrylic Coatings; MASTIC cures by ultraviolet rays (UV); allow for sufficient daylight. MASTIC will lose its tack when it is suitable to be coated. Cure time is affected by environmental conditions.
6. Clean wet coating with soap and water. Dry coating may be removed with mineral spirits. Use care when handling solvents.

For more information, see published SMARTCOAT specifications at www.certainteed.com

Technical Data

Color	White
Packaging	3.5G
Dry to Touch	4-8 hours
VOC	15g/L
Volume by Solids	55.9%
Weight by Solids	75.7%
Cone Pen Viscosity	240 dmm
Tensile Strength	153 psi
Elongation	163%

Storage & Disposal: Store in cool, dry conditions in well-sealed receptacles, max storage temperature 100.4°F. Do not allow to freeze. Shelf life is 1 year from date of manufacture. Dispose of contents/container in accordance with local/regional/national/international regulations.

For more information, refer to the Safety Data Sheet at www.certainteed.com



First Aid

IF ON SKIN: Wash with plenty of soap and water. If skin irritation or rash occurs: Get medical advice/attention. IF SWALLOWED: Drink plenty of water. Immediately call for medical help. Do NOT induce vomiting. IF IN EYES: Remove contact lenses if worn, if possible. Rinse opened eye for several minutes under running water. If symptoms persist, consult a doctor. Wear protective gloves/protective clothing/eye protection/face protection. Use only in well ventilated areas. Do not handle until all safety precautions have been read and understood. In case of fire use CO2, extinguishing powder or water spray.

Technical Assistance and Services

CertainTeed provides technical assistance in the product selection, specification and application guidelines for all CertainTeed commercial roof systems. Field representatives are available for consultation in each region.

For more information, contact CertainTeed Commercial Roofing Technical Services at 800-396-8134 ext. 2 or rpg@saint-gobain.com

Warranties

CertainTeed offers SMARTCOAT Limited Warranties, SMARTCOAT NDL Limited Warranties and CertainTeed Integrity Roof System Limited Warranty/NDL Limited Warranty SMARTCOAT Extensions, ranging from ten (10) to twenty (20) years to SMARTCOAT Approved Applicators and Silver/Gold Star Contractors.

For more details, please see the SMARTCOAT Warranty Overview on www.certainteed.com

NOTICE TO CUSTOMER: FOR PROFESSIONAL USE ONLY/DO NOT THIN. WE WILL NOT ASSUME ANY LIABILITY FOR THE RESULTS OF CUSTOMER'S USE OR A CUSTOMER'S INABILITY TO PROPERLY USE OR APPLY THIS PRODUCT. CERTAINTEED WILL NOT BE LIABLE FOR ANY SPECIAL, INDIRECT, INCIDENTAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. CONTACT CERTAINTEED FOR ALL DETAILS OF LIMITED WARRANTY COVERAGE, AS THIS IS THE EXCLUSIVE WARRANTY FROM CERTAINTEED AND IN LIEU OF ANY AND ALL OTHER WARRANTIES, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR USE AND FITNESS FOR A PARTICULAR PURPOSE.



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