

SMARTCOAT™ 365 SILICONE REPAIR MASTIC

CAN BE APPLIED TO WET OR DRY SURFACES - UV RESISTANT

Product Information



Description & Use: SMARTCOAT™ 365 is a flashing grade, stand-alone, fiber-fortified silicone mastic for direct-bond permanent repairs to many roof surfaces including asphalt, single-ply, metal, and most existing coatings. Examples of use include but are not limited to punctures caused from hail damage or mechanically induced damage from foot traffic or HVAC servicing, fish mouths or surface cracks, roof details such as control joints, coping joints, and gutter seams. SMARTCOAT 365 can be utilized as an emergency repair solution in wet/under water conditions, see application notes for precautions. SMARTCOAT 365 is UV-stable; it does not require a top coat and will not chalk, crack, or peel if left exposed. When you want a repair that's more than a patch, SMARTCOAT 365 is your go-to.

Coverage: 24-26 sq. ft. per pail applied 1/8" thick; additional material may be required when 3-coursing to saturate and encapsulate polyester fabric.

Precautions: SMARTCOAT 365 requires atmospheric moisture for propagation of cure thus it is not suitable for use in totally confined spaces. Inclement weather may displace uncured SMARTCOAT 365; do not proceed with application if heavy rain, hail or snowfall is impending or expected within 4 hours of application. For cold weather application, keep material stored above 65°F (18°C). Do not apply to substrates with temperatures below freezing.

SMARTCOAT 365 can be applied over properly prepared surfaces that exhibit ponded water, however, the National Roofing Contractors Association (NRCA) considers ponding water an undesirable nonstandard roofing practice and recommends that all roof systems be designed and built to ensure positive drainage. (See the NRCA Roofing and Waterproofing Manual).

Product Application

SMARTCOAT 365 should be applied as received and dilution with solvent is not recommended. SMARTCOAT 365 is engineered not to settle and should not require mixing. However, if settling in the package has occurred, stir the material prior to use.

1. Clean roof surface thoroughly, using SMARTCOAT 100 ROOF WASH as needed. 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. SMARTCOAT 365 may be applied to damp surfaces but standing water shall be removed prior to application.
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 to prevent top-surface yellowing from migrating bituminous oils.
3. Inspect all fasteners; replace loose, broken or missing ones.
4. Material shall be applied between 1/8"-1/4" thick with a brush, trowel or gloved hand and extend two inches on either side of the fastener or split. SMARTCOAT 365 is typically applied in one application. If applying in multiple applications, allow adequate time between each application for the mastic to cure before applying additional material. Details or repairs with a high potential for movement may require polyester reinforcement and/or the use of a sacrificial release tape. When reinforcing with polyester, thickness shall be sufficient to saturate and encapsulate polyester reinforcement. Refer to SMARTCOAT construction details for guidance. Tack free in 2 hours. Dry to touch in 6 hours. Drying time is dependent on temperature, humidity and film thickness. Final cured thicknesses must be free of voids, pinholes, cracks or blisters.
When applied in wet conditions or under water, additional pressure will be required to ensure an adequate bond. Once conditions are dry, inspect the repair. If water was entrapped, which will manifest as a bubble, or the seal is poor, remove and redo the repair.
5. If coating, allow MASTIC to dry approximately 6 hours, depending on temperature and humidity, prior to coating with SMARTCOAT 450 High Solids Silicone Coating. It is not intended to be painted or covered over with any product other than SMARTCOAT Silicone Roof Coatings.
6. Clean equipment containing uncured material may be accomplished by cleaning with mineral spirits, toluene, or alcohol based solvents. DO NOT USE water.

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



Physical Properties

Color	White
Tack-Free Cure	2 hours
Dry to Touch	6 hours
Packaging	2G
VOC	<250 G/L
Tensile Strength	184 ± 5 psi
Elongation	74% ± 5
Tear Resistance	35 ± 3 lbf/in
Solids by Volume	73% ± 2
Solids by Weight	83% ± 2
Shelf Life	18 months (un-opened containers, stored between 35°-75°F)

Storage, Transport & Disposal: Store in cool, dry conditions. Store locked up. SMARTCOAT 365 can be stored in unheated warehouses during the cooler months without the risk of freezing. Shelf life is 18 months from date of manufacture when properly stored. Be sure the lid is tight and the pail is secured when transporting this product. Do not allow pail to tumble as this may loosen the lid and allow leakage or spillage to occur.

The user of this material has the responsibility to dispose of unused material, residues and containers in compliance with all relevant local, state and federal laws and regulations regarding treatment, storage and disposal for hazardous and nonhazardous wastes

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

First Aid

DANGER: Flammable liquid and vapor. Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause genetic defects. May cause cancer. Causes damage to organs through prolonged or repeated exposure. Do not handle until all safety precautions/instructions have been read/understood. Keep away from heat/hot surfaces/sparks/open flames/other ignition sources. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion-proof electrical/ventilating/lighting equipment. Use only non-sparking tools and prevent static discharges. Do not breathe fume/mist/spray/vapors/dust. Wash hands, forearms, and other exposed areas thoroughly after handling. Do not eat, drink or smoke when using this product. Contaminated work clothing should not be allowed out of the workplace. Wear protective gloves, protective clothing, and eye protection. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If exposed, concerned or feeling unwell or if skin irritation or rash occurs: Call a POISON CENTER/Get medical advice/attention. Take off contaminated clothing and wash it before reuse. In case of fire: Use carbon dioxide (CO₂), extinguishing powder, foam, sand to extinguish. Store locked up and in a well-ventilated place. Keep cool. Dispose of contents/container in accordance with local, regional, national, territorial, provincial, and international regulations.

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 Asphaltic Membrane 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

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