

## SMARTCOAT™ 220 ASPHALT EMULSION

### Product Information



**Description & Use:** SMARTCOAT™ 220 Asphalt Emulsion is a versatile, protective, solvent-free water-based, all purpose non-fibered roof and waterproof coating ideal for use as a surface preparation for bituminous built-up or modified-asphalt roofing, metal, and masonry surfaces, and for pipes and tanks above or below ground level. SMARTCOAT 220 is made from asphalt emulsified with bentonite clay and water. It is cold-applied, corrosion-resistant, non-flammable while wet, and waterproof when dry, while also resisting most corrosive fumes and spray. SMARTCOAT 220 will not run, sag, crack, or “alligator,” under the harshest of weather conditions. This product meets or exceeds the requirements of ASTM D1227, Type III, Class 1.

**Coverage:** 3-4 gallons per 100 square feet per coat as a roof sealer; 6-8 gallons total for SMARTCOAT roof restoration systems.

**Precautions:** Application over hot applied asphalt may not prevent alligating. This coating is not recommended over gravel, rubber or PVC sheet roofing, or old roofs that are too dry and brittle.

### Product Application

1. Clean roof surface thoroughly with SMARTCOAT 100 Roof Wash. Surfaces to be free from rust, dirt, and all other foreign matter. Remove rust with wire brush. A better bond will result if surface is damp when SMARTCOAT 220 is applied, but surface must be free of standing water. All surfaces must have positive drainage.
2. Clean all cracks, holes and damaged areas, repairing when necessary and allow repairs to thoroughly cure.
3. Apply only at temperatures between 50°F and 110°F and no threat of rain or temperatures below 40°F for 48-72 hours.
4. Apply SMARTCOAT 220 by roofing brush, roller, or spray, evenly covering the surface. Two (2) coats are recommended. Allow to dry completely between coats. Dry time is usually 6-24 hours in dry and hot weather conditions. In cool, damp weather drying will be slower, 2-7 days. For SMARTCOAT roof restoration systems, embed SMARTCOAT 501 Polyester Reinforcement into SMARTCOAT 220 while wet. See SMARTCOAT specifications for details.
5. 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](http://www.certainteed.com)

### Technical Data

<b>Color</b>	Black
<b>Packaging</b>	5G, 55G
<b>VOC</b>	<30g/l
<b>Boiling Point</b>	212°F
<b>Flash Point</b>	None
<b>Vapor Density</b>	Heavier Than Air

**Storage & Disposal:** Store in a cool, dry conditions in well-sealed receptacles, max storage temperature 120°F. Four (4) hours above 109°F (42.7°C) will result in formula separation and will require agitation to reconstitute formula for efficacy. Longer exposure will cause ingredient degradation and loss of efficacy. **DO NOT ALLOW PRODUCT TO FREEZE.** Shelf life is 1 year from date of manufacture. Keep away from heat/hot surfaces/sparks/open flames/other ignition sources. 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](http://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: 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](mailto: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](http://www.certainteed.com)

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