

A construction worker wearing a white long-sleeved shirt, light-colored pants, a grey baseball cap, and sunglasses is applying a white coating to a light-colored wall. He is using a long-handled spray gun. The background shows a building under construction with scaffolding and other workers. The overall image has a slightly grainy, professional look.

Tear off not in the budget?
SEAMLESS. SUSTAINABLE.
SMARTCOAT™

Structur is proud to be the largest certified
CertainTeed SMARTCOAT™ contractor in the **USA**.





CertainTeed

SAINT-GOBAIN



To ensure highest quality of service we got certified and partnered with **CertainTeed**, a company who has been manufacturing state-of-the-art roofing materials for more than a century.

Today we're serving as their **largest US contractor!**



Liquid-applied roof restoration has been the fastest growing segment of low-slope roofing. WHY?

Financials

Restoring a roof and avoiding tear off labor can reduce project costs up to 40%.¹ And since coatings are classified as a maintenance, there are tax advantages for building owners as well. Plus to the energy-cost savings of a bright-white, reflective roof.

Environmental Impact

Industrial waste and escalating energy demands threaten our ecosystem and natural resources. Coating systems leave a smaller footprint than tearing off and installing factory-made, less-reflective alternatives.

Training and Retaining Labor

The skilled labor pool has been waning for decades and roofing is one of the hardest hit sectors. Coating systems require less technical aptitude than traditional low-slope membrane applications, and literally no heavy lifting to apply.

¹ Principia, Liquid Applied Roofing 2016

Meet SMARTCOAT™

A comprehensive line of high-performance restoration products, stocked locally with the support contractors need, and the warranty coverage building owners expect.

Restoration with SMARTCOAT is a 3 or 4-part process:

CLEAN	100 Roof Wash Nothing sticks to dirt. Help your customers avoid call backs by starting with a clean slate.	
PRIME/ PREPARE (only as needed)	200 Series Primer and Bleed Blocker Our universal primer is engineered to optimize critical adhesion interfaces across a variety of substrates, when needed.	
SEAL	300 Series Mastics and Sealant If your mastics don't have the muscle to permanently seal leaks, your restoration project will miss the mark.	
REINFORCE	500 Series SMARTFAB™ Polyester Reinforce seams, details, and acrylic roof systems.	
PROTECT	600 Traffic Coat System Protects your roof under light or heavy foot traffic.	

Some roofs are not good candidates for a SMARTCOAT restoration. CertainTeed's support tools help you conduct a thorough evaluation to avoid putting your company and your client at risk.



CLEAN

100 Roof Wash



Nothing sticks to dirt.

Avoid call backs by starting with a clean slate.

SMARTCOAT 100 Roof Wash is a highly versatile industrial cleaner and degreaser intended for application to all types of roofs prior to power washing in preparation for the application of SMARTCOAT Primer, Mastic, and/or Coatings. This product lifts dirt and grease from the surface of the roof, including small pores and irregularities. SMARTCOAT 100 is both a safer and more sustainable alternative to toxic cleaners, bleaches, and solvents. The concentrated formula cleans, degreases, and deodorizes without harsh chemicals. The formula is non-toxic, non-abrasive, non-corrosive, and safe for use on all water-safe washable surfaces.

COVERAGE

Use as is or dilute with hot or cold water as shown below:

Ratio = Measurement of #100 to water, example "1:10" = 1 Quart #100 to 10 Quarts Water.

HEAVY DUTY (thick grease/oil): Up to 1:10 dilution

MEDIUM DUTY (dirt/grime/grease/oil): 1:10 to 1:30 dilution

LIGHT CLEANING (dust/light oil/residue): 1:30+ dilution

PRIME/PREP

200 Series Primer
and Bleed Blocker



SMARTCOAT 200 Series products are used in scenarios where surface priming or preparation is recommended or required before applying SMARTCOAT 400 Series Acrylic and Silicone Coatings:

Adhesion Test Failure

It is best practice to conduct an adhesion analysis on every project, in accordance with the SMARTCOAT Field Adhesion Test protocol. If needed, SMARTCOAT 210 Universal Primer will enhance adhesion to most roofing substrates.

COVERAGE

SMARTCOAT 210 5G: 1G per 100 square feet

Bituminous Substrates

When restoring with 450 Silicone, it is best practice to prepare an existing bituminous roof surface with SMARTCOAT 200 Asphalt Bleed Blocker, a water-based formulation manufactured with premium acrylic resins designed to block bituminous oil exudate or “bleed-through” from staining SMARTCOAT 400 series coatings. Use of the SMARTCOAT 200 Asphalt Bleed Blocker is recommended on acrylic restorations; it is required for silicone restorations.

Highly aged, weathered, or brittle asphaltic surfaces may be rejuvenated with SMARTCOAT 220 Asphalt Emulsion prior to coating.

COVERAGE

SMARTCOAT 200 5G: 1G-1.5G per 100 square feet, depending on surface porosity
SMARTCOAT 220 5G, 55G: 6-8G per 100 square feet

SEAL 300 Series Mastics and Sealant



If your mastics don't have the muscle to permanently seal leaks, your "restoration" project won't last.

SMARTCOAT 300/301/350/365 Mastics seal deficiencies in the roof's surface prior to coating. When a caulk bead is preferred, or a damp surface in play, SMARTCOAT 370 UltraSeal MS Polymer Sealant gets the job done.

SMARTCOAT 350 SILICONE MASTIC, 2G

Professional-grade high-performing silicone mastic. Suitable for application to metal, bituminous, and most single-ply roofs — and it goes down like a dream (we're told). Upon cure, forms a durable, breathable, and water-resistant barrier that is resistant to degradation from UV and natural weathering; coating is not required.

COVERAGE

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

SMARTCOAT 370 ULTRASEAL, 10.1 OZ CAULK TUBE, 24/CARTON

Silyl-modified polyether high-performance, multi-purpose, low-VOC, single-component adhesive/sealant designed for bonding and sealing a wide range of porous and non-porous construction materials. Not intended for use on TPO. Paintable by latex-based paints or SMARTCOAT 400 Series Coatings approximately one hour after application. Will not crack, shrink, or peel. Easy to gun and tool for quick application.

COVERAGE

Approximately 25 lineal feet for 1/4" width and 1/4" depth joint.

Reinforce seams and details with SMARTFAB 500 Stitchbond Polyester.

Available in 4", 6", 12", and 20"

SMARTCOAT 365 SILICONE REPAIR MASTIC, 2G

When you want a repair that's more than a patch, #365 is your go-to. This year-round permanent repair silicone mastic can be applied to damp surfaces and as low as 32°F. Seals asphalt, metal, single-ply and most coating surfaces. UV-stable, coating is not required.

COVERAGE

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



COAT 400 Series Coatings



SMARTCOAT 450 HIGH SOLIDS SILICONE COATING (5G, 55G) - WHITE/LIGHT GRAY/DARK GRAY/ SANTA FE TAN/BLACK*

100% silicone-based, solvent-free, single-part roof coating. Creates a vapor-permeable membrane, adaptive to temperature extremes, UV-resistant, watertight, and weatherproof. Outstanding ponded water resistance for direct bond over horizontal and vertical surfaces. May be used to re-coat existing silicone roof coatings and existing acrylic roof coatings. Meets or exceeds ASTM D 6694.

COVERAGE

1.5 – 2.5 gallons per 100 square feet, specification and warranty duration dependent.

Reinforce acrylic roof systems with SMARTFAB 501
Stichbond Polyester

Available in 40" width



SMARTCOAT™ Limited Warranties

CertainTeed offers a range of Limited Warranties for SmartCoat Acrylic or Silicone restoration projects. Existing CertainTeed low-slope asphaltic roof systems that qualify for a SMARTCOAT restoration are issued CertainTeed Asphaltic Membrane (NDL) Limited Warranty, SMARTCOAT Extensions. SMARTCOAT roof restorations applied to preexisting non-CertainTeed roof systems are limited to SMARTCOAT Limited (NDL) Warranties.

For more information and warranty protocol visit certainteed.com/smartcoat.

When restoring a non-CertainTeed roof:			When extending the life of a CertainTeed roof:											
SMARTCOAT Limited Warranty on Materials			SMARTCOAT No Dollar Limit (NDL) Limited Warranty			CertainTeed Integrity Roof System Limited Warranty, SMARTCOAT Extension*				CertainTeed Integrity Roof System NDL Limited Warranty, SMARTCOAT Extension*				
Coating & Restoration Systems with:	10 years	15 years	20 years	10 years	15 years	20 years	5 years (new roofs)	10 years	15 years	20 years	5 years (new roofs)	10 years	15 years	20 years
Coverage	Warranty covers manufacturing defects in SMARTCOAT products only.			Warranty covers leaks caused by manufacturing defects in SMARTCOAT products and/or workmanship.			Warranty covers leaks caused by manufacturing defects in a preexisting CertainTeed low-slope roof and SMARTCOAT products.				Warranty covers leaks caused by manufacturing defects in a preexisting CertainTeed low-slope roof and SMARTCOAT products and/or workmanship.			
SMARTCOAT 450 High Solids Silicone	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Prorated Coverage	Yes			No			Yes				No			
Warranty Fee	No			Yes			No				Yes			
Contractor Requirement	None			SMARTCOAT Approved Applicator			SMARTCOAT Approved Applicator				SMARTCOAT Approved Applicator			



Structur

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