



Tear off not in the budget?

SMARTCOAT™
SEAMLESS. SUSTAINABLE.





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.

Watch a SMARTCOAT Restoration from Start to Finish



Scan code to view

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.	
COAT	400 Series Coatings SMARTCOAT Acrylic and Silicone Coatings are high-solids, direct-bond-optimized formulations. And, yes, you can recoat our silicone.	
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

Whether restoring with SMARTCOAT 400/401/405 Acrylic or 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 300/301 NON-FIBERED/FIBERED ACRYLIC MASTIC, 3.5G

100% acrylic elastomeric, water-based roof mastic. Suitable for application to metal, bituminous, and most single-ply roofs. A high degree of rubber-like elasticity allows this product to accommodate wide swings in temperature and significant building movement; the addition of reinforcing fibers in #301 fortifies strength and delivers superior crack-bridging performance. 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.

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.

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.



Reinforce seams and details with SMARTFAB 500 Stichbond Polyester.

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

COAT 400 Series Coatings



SMARTCOAT 400 Series Coatings are direct-bond optimized to deliver excellent bond strength to all common roof substrates including metal, single-ply, built-up and modified bitumen roofs without the need for primer.¹

SMARTCOAT 400 HIGH PERFORMANCE ACRYLIC COATING (5G, 55G, 275G) - WHITE/LIGHT GRAY/DARK GRAY/WHITE/REFLECTIVE TAN/LIGHT GRAY

Heavy-bodied elastomeric roof coating manufactured with 100% acrylic-based polymers, reflective white pigments, and high-grade biocides. Remains bright white after weathering. Extremely high elastomeric properties - tough, durable solution to seal roof surfaces in all North American climates, prolong roof service life, reduce interior building temperatures and associated cooling costs. Exceeds the parameters of ASTM D 6083, Type I.

SMARTCOAT 401 HIGH SOLIDS ACRYLIC COATING (5G, 55G, 275G) - WHITE/REFLECTIVE TAN/LIGHT GRAY

High-solids, heavy-bodied elastomeric roof coating manufactured with 100% acrylic-based polymers, reflective white pigments and UV-reactive chemicals for enhanced dirt pickup resistance. Remains bright white after weathering. Durable, workhorse solution to seal roof surfaces, prolong roof service life, and reduce interior building temperatures and associated cooling costs.

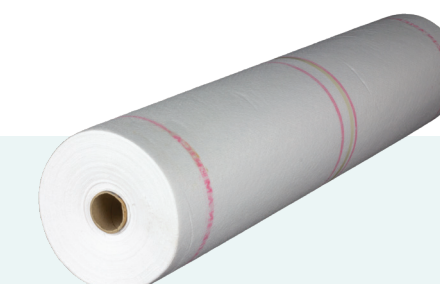
SMARTCOAT 450 HIGH SOLIDS SILICONE COATING (5G, 55G) - WHITE/LIGHT GRAY/DARK GRAY/SANTA FE TAN/BLACK*

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.

*Black is made-to-order, contact for pricing and minimum order



Reinforce acrylic roof systems with SMARTFAB 501 Stichbond Polyester

Available in 40" width

¹It is best practice to conduct an adhesion analysis on every project to determine if primer is required.

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 in a preexisting CertainTeed low-slope roof and SMARTCOAT products.				Warranty covers leaks caused by manufacturing defects in in a preexisting CertainTeed low-slope roof and SMARTCOAT products and/or workmanship.			
SMARTCOAT 400 High Performance Acrylic	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SMARTCOAT 401 High Solids Acrylic	✓													
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			



CertainTeed

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