

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





# Liquid-applied roof restoration is 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%.<sup>1</sup> And since coatings are classified as a maintenance, there are tax advantages for building owners as well. This, in addition, 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.

<sup>1</sup> 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 4-Part Process:

<b>CLEAN</b>	<h3>100 Roof Wash</h3> <p>Nothing sticks to dirt. Help your customers avoid call backs by starting with a clean slate.</p>	
<b>PRIME</b>	<h3>200 Series Primers</h3> <p>Our primers are substrate and coating specific and engineered to optimize critical adhesion interfaces.</p>	
<b>SEAL</b>	<h3>300 Series Mastics</h3> <p>If your mastics don't have the muscle to permanently seal leaks, your contractor's restoration project will miss the mark.</p>	
<b>COAT</b>	<h3>400 Series Coatings</h3> <p>SMARTCOAT Acrylic and Silicone Coatings go down smoothly, even on a windy roof.</p>	
<b>REINFORCE</b>	<h3>500 Series Stitchbond Polyester</h3> <p>Reinforce seams, details and acrylic roof systems.</p>	
<b>PROTECT</b>	<h3>600 Walkway System</h3> <p>Protect against walkway damage.</p>	

*Some roofs should not be coated. CertainTeed's support tools help you conduct a thorough evaluation to avoid putting your company and your client at risk.*

# CLEAN 100 Roof Wash, 5G



**Nothing sticks to dirt.**

**Avoid call backs by starting with a clean slate.**

SMARTCOAT 100 Roof Wash is a detergent, formulated with surfactants and alkaline cleaning agents, 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.

#### **COVERAGE**

1G / 100 square feet diluted



# PRIME 200 Series Primers

**Our primers are engineered to optimize critical bonds for a range of substrates and coatings.**

	Coating with <b>SMARTCOAT 400/401</b> Acrylic		Coating with <b>SMARTCOAT 450</b> High Solids Silicone	
Existing Roof Substrate	Primer	Notes	Primer	Notes
<b>Asphalt</b> – Granule Surface	<b>SMARTCOAT 200</b> Asphalt Primer for Acrylic	Not required though recommended for highly weather surfaces	<b>SMARTCOAT 205</b> Acrylic Asphalt Primer for Silicone	Recommended for bleed-block and adhesion; for ponding water areas <b>SMARTCOAT 204</b> Epoxy Primer for Silicone is recommended
<b>Asphalt</b> – Smooth Surface/ Previously Coated		Recommended		
<b>TPO</b>	<b>SMARTCOAT 201</b> TPO Primer for Acrylic	Required	<b>SMARTCOAT 206</b> TPO Primer for Silicone	Required
<b>PVC</b>	N/A	–	<b>SMARTCOAT 204</b> Epoxy Primer for Silicone	Recommended
<b>EPDM</b>	N/A	Adhesion will be severely diminished if the surface is not thoroughly cleaned with <b>SMARTCOAT</b> Roof Wash	N/A	Adhesion will be severely diminished if the surface is not thoroughly cleaned with <b>SMARTCOAT</b> Roof Wash
<b>Metal</b>	<b>SMARTCOAT 202</b> Metal Primer for Acrylic	As needed	<b>SMARTCOAT 204</b> Epoxy Primer for Silicone	As needed
<b>Metal</b> – Rusted	<b>SMARTCOAT 203</b> Rust Inhibiting Metal Primer	Required	<b>SMARTCOAT 203</b> Rust Inhibiting Metal Primer	Required

# SEAL 300 Series Mastics

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

SMARTCOAT Mastics seal leaking seams, fasteners, penetrations and/or any splits, tears or deficiencies in the roof's surface prior to coating with SMARTCOAT ACRYLIC or SILICONE.

## **SMARTCOAT 300 Mastic**

100% acrylic elastomeric, water-based roof sealant. Suitable for application to metal, asphalt, modified bitumen 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.

### **COVERAGE**

3.5 gallons (3-1/2) / 455 square feet or 1,200 fasteners

## **SMARTCOAT 310 Wet / Dry Mastic**

Solvent-based terpolymer sealant manufactured from synthetic elastomers, adhesive resins and polyolefin microfibers for reinforcement. Engineered for environments where SMARTCOAT 300 cannot be utilized, prior to coating with SMARTCOAT ACRYLIC COATINGS, such as wet, underwater surfaces or cold weather. Suitable for application to asphalt, modified bitumen, metal, Kynar®, concrete, TPO, PVC, Elvaloy®/PVC, Hypalon® (CSPE), PIB and EPDM roofs. High elongation and tensile strength insure performance under conditions that will cause asphalt based cements to fail.

### **COVERAGE**

3 gallons / 390 square feet or 1,050 fasteners

**Reinforce seams and details with SMARTCOAT 500 Stitchbond Polyester.**

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



# COAT 400 Series Coatings

Protect and preserve with **SMARTCOAT 400 Series Coatings.**



## SMARTCOAT 400 High Performance Acrylic Coating

Versatile, water-based elastomeric coating manufactured with from 100% acrylic polymers and high quality reflective white pigments. Formulated specifically for durability and maintenance of a high degree of solar reflectivity — prolongs roof service life and reduces interior building temperatures and associated cooling costs. Intended for application to metal, single-ply, built-up and modified bitumen roofs.

### COVERAGE

1.5 gallons (1-1/2) / 100 square feet per coat, recommended minimum 3 gallons.

## SMARTCOAT 401 Acrylic Coating - White or Tan

Water-based elastomeric coating manufactured with from acrylic polymers and reflective white pigments— an economical option to prolong roof service life and reduce interior building temperatures and associated cooling costs. Intended for application to metal, single-ply and bitumenous roofs.

### COVERAGE

1.5 gallons (1-1/2) / 100 square feet per coat, recommended minimum 3 gallons.

## SMARTFLASH 450 High Solids Silicone Coating

100% silicone-based roof coating manufactured from durable inorganic silicone elastomers, reinforcing and reflective pigments and silane adhesion promoters. No solvents. Creates a breathable, adaptive barrier to temperature extremes, UV resistant, watertight and weatherproof. Intended for application to metal, single-ply, SPF and bitumenous roofs. Can be applied in excess of 40 mils dry film thickness.

### COVERAGE

1.5 - 2 gallons (1-1/2 - 2) / 100 square feet per coat.

Reinforce acrylic roof systems with **SMARTCOAT 501 Stichbond Polyester**

Available in 40" width



## SMARTCOAT™ Limited Warranties

CertainTeed offers a range of Limited Warranties for SmartCoat Acrylic or Silicone restoration projects including 5 and 10 year extensions on CertainTeed bituminous roof system Limited Warranties.

	Coverage	Fee	Warranty Duration (Years)		
			400	401	450
<b>SMARTCOAT Limited Warranty</b> (See Product Label)	Leaks caused by manufacturer defects in SMARTCOAT products only.	No	1	1	1
Limited Warranty on <b>SMARTCOAT</b> Coatings		No	10	10	10
Limited Warranty on <b>SMARTCOAT</b> Systems		No	10, 15, 20	—	10, 15, 20
Limited Warranty on Systems, <b>SMARTCOAT</b> Extension	Leaks caused by manufacturer defects in CertainTeed products only.	No	5, 10	—	5, 10
NDL Limited Warranty on <b>SMARTCOAT</b> Systems	Leaks caused by manufacturer defects in SmartCoat products and/or workmanship.	Yes	10, 15, 20	—	10, 15, 20
NDL Limited Warranty, <b>SMARTCOAT</b> Extension	Leaks caused by manufacturer defects in CertainTeed products and/or workmanship.	Yes	5, 10	—	5, 10



**CertainTeed**

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20 Moores Road Malvern, PA 19355 Professional: 800-233-8990 Consumer: 800-782-8777 [certainteed.com](http://certainteed.com)