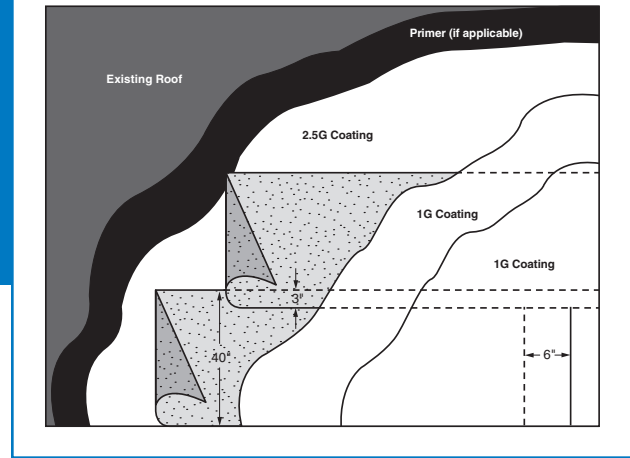


# ACR-S-1-4.5

This document is intended to be used in conjunction with SMARTCOAT™ 3-part specifications for comprehensive project and application instructions.



## SUBSTRATE:

Existing roof: Single-Ply

## LIMITED WARRANTY DURATION

15 years. See SMARTCOAT Warranty Overview for warranty protocol and guidelines.

### SUMMARY OF MEMBRANE MATERIALS

Component	Gallons/100 sq. ft. or Ply	Dry Mils
100 Roof Wash	Roof condition dependent for materials other than EPDM; for EPDM apply twice at 1:10-1:30 #100 to water ratio, rinsing thoroughly after each application to eliminate any potential for residue	100 Roof Wash must be completely rinsed and roof surface dry
210 Universal Primer	Only as needed - 1	6
400/405 Acrylic Coating	2.5	20
501 Reinforcement	1	6
400/405 Acrylic Coating	1	8
400/405 Acrylic Coating	1	8
<b>Total System Wet/Dry Mils and Weight per 100 Square Feet (Approximate)</b>		
Wet Mils	Dry Mils	Weight (lbs.)
72 (88 with primer)	72 (88 with primer)	38

## SUMMARY OF FLASHING MATERIALS:

Components may include:

- 400/405 Acrylic Coating
- 300/301 Acrylic Non-Fibered/Fibered Mastic
- 370 UltraSeal
- SMARTFAB 500 Polyester Reinforcement

See SMARTCOAT Construction Details or SMARTCOAT Applicator's Guide for detail-specific instruction.

## SUMMARY OF APPLICATION:

It is best practice to conduct an adhesion test before SMARTCOAT roof restorations and is required for SMARTCOAT NDL Limited Warranties or Asphaltic Membrane NDL Limited Warranty SMARTCOAT Extensions.

1. Clean roof surface thoroughly, via pressure wash. Use SMARTCOAT Roof Wash as needed to ensure roof surface is clean and dry;

2. Once dry, if adhesion test indicates primer is required, prime surface with SMARTCOAT 210 Universal Primer at a rate of 1 gallon per 100 sq. ft. (16 wet mils);
3. Once dry, seal all deficiencies in the existing roof with appropriate flashing materials (see Summary of Flashing Materials);
4. Once dry, apply base coat of SMARTCOAT 400/405 ACRYLIC COATING at the rate of 2.5 gallons per 100 sq. ft. (40 wet mils); immediately embed SMARTFAB 501 Polyester Reinforcement, fully saturating fabric leaving no wrinkles or voids;
5. Once dry, apply second coat of SMARTCOAT 400/405 ACRYLIC COATING at the rate of 1.0 gallons per 100 sq. ft. (16 wet mils);
6. Once dry, apply top coat of SMARTCOAT 400/405 ACRYLIC COATING at the rate of 1.0 gallons per 100 sq. ft. (16 wet mils).

NOTE: On roofs with greater than 3:12 slope or on vertical surfaces, it is not recommended to apply more than 1G per 100 sq. ft. in a single coat to avoid material sagging.