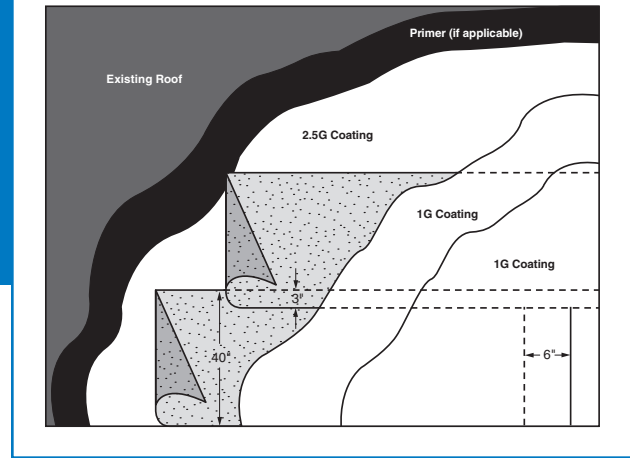


# ACR-C-1-4.5

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



## SUBSTRATE:

Existing roof: Concrete

## 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	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

### Total System Wet/Dry Mils and Weight per 100 Square Feet (Approximate)

Wet Mils	Dry Mils	Weight (lbs.)
72 (88 with primer)	42 (48 including primer)	34

## 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:

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. Seal all deficiencies in the existing roof with appropriate flashing materials (see Summary of Flashing Materials);

4. 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.