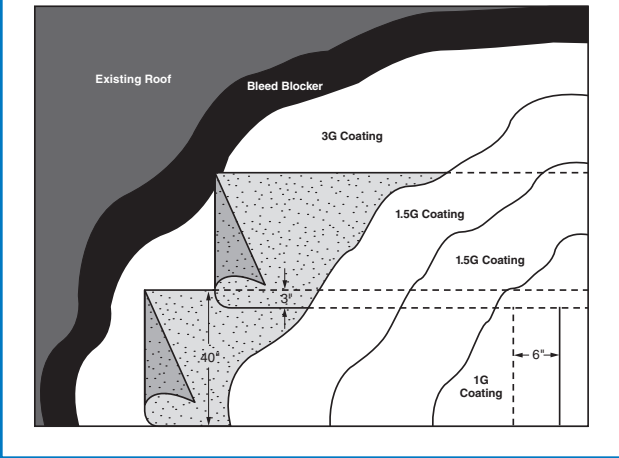


ACR-A-1-7

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



SUBSTRATE:

Existing roof: Modified bitumen (APP or SBS), smooth or granule surface, built-up-roof (BUR)

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
200 Bleed Blocker (recommended, not required)	1-1.5	6-9
400/405 Acrylic Coating	3	24
501 Reinforcement	1	6
400/405 Acrylic Coating	1.5	12
400/405 Acrylic Coating	1.5	12
400/405 Acrylic Coating	1	8

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

Wet Mils	Dry Mils	Weight (lbs.)
112 (128-136 with Bleed Blocker)	62 (68-71 including Bleed Blocker)	55

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:

Newly applied asphaltic roof systems shall age a minimum of 30 days prior to cleaning or coating.

1. Clean roof surface thoroughly, including any APP-modified membranes utilized for large area repairs, via pressure wash. Use SMARTCOAT Roof Wash as needed to ensure roof surface is clean and dry;
2. Once dry, apply SMARTCOAT 200 Asphalt Bleed Blocker on bituminous surfaces to prevent staining at a rate of 1-1.5 gallons per 100 sq. ft. (16-24 wet mils) depending on surface porosity

(recommended though not required), APP-modified membranes utilized for large repair areas shall receive two coats of 200 Bleed Blocker if these areas will not be allowed to age prior to cleaning;

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 3 gallons per 100 sq. ft (48 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 1.5 gallons per 100 sq. ft. (24 wet mils);
6. Once dry, apply third coat of SMARTCOAT 400/405 ACRYLIC COATING at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils);
7. 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.