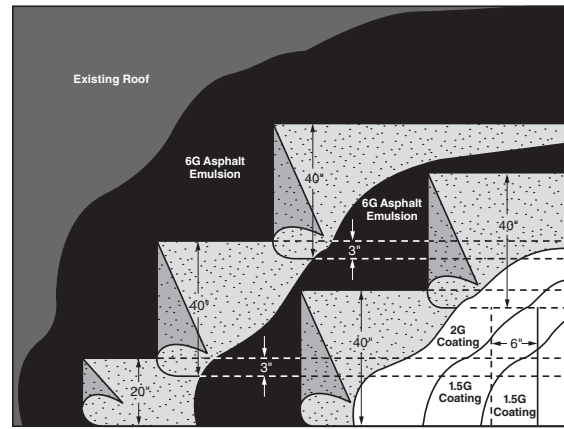


ACR-A(E)-2-5

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

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

SUMMARY OF MEMBRANE MATERIALS

Component	Gallons/100 sq. ft. or Ply	Dry Mills
100 Roof Wash	Roof condition dependent	100 Roof Wash must be completely rinsed and roof surface dry
220 Asphalt Emulsion	6	37
501 Reinforcement	1	6
220 Asphalt Emulsion	6	37
501 Reinforcement	1	6
400 Acrylic Coating	2	16
400 Acrylic Coating	1.5	12
400 Acrylic Coating	1.5	12
Total System Wet/Dry Mills and Weight per 100 Square Feet (Approximate)		
Wet Mills	Dry Mills	Weight (lbs.)
272	126	88

SUMMARY OF FLASHING MATERIALS:

Components may include:

- 400 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, including APP-modified membranes utilized for large repair areas. Use SMARTCOAT Roof Wash as needed to ensure roof surface is clean and dry;
2. Seal all deficiencies in the existing roof with appropriate flashing materials (see Summary of Flashing Materials);
3. Apply SMARTCOAT 220 Asphalt Emulsion at a rate of 6 gallons per 100 sq. ft. (96 wet mils); immediately embed SMARTFAB 501

Polyester Reinforcement – do not submerge reinforcement in emulsion or walk-in while wet; allow to cure for a minimum of 2 days, environmental conditions may lengthen cure period; when cured, 220 is black and will not distort or show signs of an impression when a thumb is pressed onto the surface and rotated ninety degrees;

4. Repeat Step 3;
5. Once cured, power wash emulsion to remove any oils or surfactants;
6. Once dry, apply base coat of SMARTCOAT 400 ACRYLIC COATING at the rate of 2 gallons per 100 sq. ft. (32 wet mils);
7. Once dry, apply second coat of SMARTCOAT 400 ACRYLIC COATING at the rate of 1.5 gallons per 100 sq. ft. (24 wet mils);
8. Once dry, apply top coat of SMARTCOAT 400 ACRYLIC COATING at the rate of 1.5 gallons per 100 sq. ft. (24 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.