

## AcryliTop™ Base Coats

### Item Description

AcryliTop™ PC-100 Base Coat for EPDM (light gray)  
Acrylic Base Coat for Asphalt (yellow)

### Item Number

W56RAC6501P  
W70RACACBSP

## Product Information

### Description:

AcryliTop™ PC-100 Base Coat for EPDM (W56RAC6501P) and Acrylic Base Coat for Asphalt (W56RACACBSP) are specifically designed to provide superior adhesion, enhanced color stabilization and greater ease of application for the AcryliTop PC-100 acrylic coating. A base coat is required if the AcryliTop PC-100 finish coat will be roller-applied, and optional if the AcryliTop PC-100 finish coat will be spray-applied.

### Methods of Application – EPDM Systems:

1. Install the Firestone roofing system in accordance with all Firestone Specifications and Details. If a Red Shield warranty is to be issued, all roof inspections by Firestone and all subsequent repairs must be completed prior to application of the base coat.
2. All surfaces to receive base coats must be clean, dry, and free of foreign material and contaminants prior to the application of the base coat. After loose debris is removed from the roof, clean the roof using **Firestone's Membrane PreWash**. Refer to TIS #1603 for additional information and instructions on the use of Membrane PreWash.
3. AcryliTop™ PC-100 Base Coat for EPDM may be spray or roller applied.
4. **Spray Application:**
  - Spray AcryliTop™ PC-100 Base Coat for EPDM in a one-coat application (1500 psi). See coverage rates on page 2.
  - Recommended spray equipment includes an Alpha air-assisted spray gun with a 3/8" (9.5 mm) diameter and 25' (7.6 m) fluid hose, and a 41:1 ratio Bulldog pump. Appropriate tip sizes are .023 - .039" (.58 - .99 mm).
  - Allow base coat to dry. Dry time is approximately 24 hours, depending on the ambient air conditions.
5. **Roller Application:**
  - **NOTE:** Roller application of AcryliTop™ PC-100 requires the use of AcryliTop™ PC-100 Base Coat for EPDM.
  - Complete coverage of the membrane is required (see coverage rates on page 2).
  - Allow the base coat to dry. Dry time is approximately 24 hours, depending on the ambient air conditions.
  - Inspect the application to assure that complete coverage with the base coat is achieved and at the proper mil thickness. Apply additional base coat to areas where necessary to ensure complete coverage.
  - After the base coat has dried, apply AcryliTop™ PC-100 coating (see TIS #1601).
  - Note: Roller application may produce a textured surface appearance.
6. Proper mil thickness of AcryliTop™ PC-100 Base Coat for EPDM is 8 wet mils (4 dry mils).

### Methods of Application – Asphalt Systems:

1. Install the Firestone roofing system in accordance with all Firestone Specifications and Details. If a Red Shield warranty is to be issued, all roof inspections by Firestone and all subsequent repairs must be completed prior to application of the base coat.
2. All surfaces to receive base coats must be clean, dry, and free of foreign material and contaminants prior to the application of the base coat. Asphalt systems must be power washed to remove all dirt, debris and loose granules prior to the coating process.
3. Acrylic Base Coat for Asphalt may be spray or roller applied.

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### 4. Spray Application:

- Spray Acrylic Base Coat for Asphalt in a one-coat application (1500 psi). See coverage rates below.
- Recommended spray equipment includes an Alpha air-assisted spray gun with a 3/8" (9.5 mm) diameter and 25' (7.6 m) fluid hose, and a 41:1 ratio Bulldog pump. Appropriate tip sizes are .023 - .039" (.58 - .99 mm).
- Allow base coat to dry. Dry time is approximately 24 hours, depending on the ambient air conditions.

### 5. Roller Application:

- **NOTE:** Roller application of the AcryliTop™ PC-100 requires the use Acrylic Base Coat for Asphalt.
  - Complete coverage of the membrane is required (see coverage rates on page 2).
  - Allow the base coat to dry. Dry time is approximately 24 hours, depending on the ambient air conditions.
  - Inspect the application to assure that complete coverage with the base coat is achieved and at the proper mil thickness. Apply additional base coat to areas where necessary to assure complete coverage.
  - After the base coat has dried, apply AcryliTop™ PC-100 coating (see TIS #1601).
  - Note: Roller application may produce a textured surface appearance.
6. Proper mil thickness of Acrylic Base Coat for Asphalt is 16 wet mils (8 dry mils) for smooth asphalt systems and 24 wet mils (12 dry mils) for granule surfaced systems.

### Storage:

- Store AcryliTop™ PC-100 Base Coat for EPDM or Acrylic Base Coat for Asphalt at room temperature between 60 °F (15.6 °C) and 80 °F (26.7 °C).
- Do not allow pails of AcryliTop™ PC-100 Base Coat for EPDM or Acrylic Base Coat for Asphalt to freeze. If coating does freeze, do not use. An indication that the coating has been frozen is a "cottage cheese"-like consistency. If this "cottage cheese" is present, do **not** use the AcryliTop™ PC-100 Base Coat for EPDM or Acrylic Base Coat for Asphalt.

### Shelf Life:

A shelf life of 12 months can be expected when coating is stored in the originally sealed containers at temperatures between 60 °F and 80 °F (15.6 °C and 26.7 °C).

### Coverage Rates:

- EPDM Systems:
  - Spray AcryliTop™ PC-100 Base Coat for EPDM in a one-coat application to achieve a coverage rate of approximately 200 ft<sup>2</sup> (18.6 m<sup>2</sup>) per gal (3.78 L).
  - Apply AcryliTop™ PC-100 Base Coat for EPDM (light gray) with a roller at a maximum coverage rate of 200 ft<sup>2</sup> (18.6 m<sup>2</sup>) per gallon (3.78 L). One pail = 950 ft<sup>2</sup> (334.8 m<sup>2</sup>). Complete coverage of the membrane is required.
- Asphalt Systems:
  - Spray Acrylic Base Coat for Asphalt in a one-coat application to achieve a coverage rate of approximately 100 ft<sup>2</sup> (9.3 m<sup>2</sup>) per gal (3.78 L) for smooth surfaced asphalt systems and 66 ft<sup>2</sup> (6.13 m<sup>2</sup>) per gal (3.78 L) for granule surfaced systems.
  - Apply Acrylic Base Coat for Asphalt (yellow) with a roller at a maximum coverage rate of approximately 100 ft<sup>2</sup> (9.3 m<sup>2</sup>) per gal (3.78 L) for smooth surfaced asphalt systems and 66 ft<sup>2</sup> (6.13 m<sup>2</sup>) per gal (3.78 L) for granule surfaced systems. Complete coverage of the membrane is required.

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### Clean-Up:

Clean up using water.

### Precautions:

- Refer to the Safety Data Sheet (SDS) for additional information.
- Do not color tint Base Coat for EPDM, Acrylic Base Coat for Asphalt or AcryliTop PC-100. Contact Firestone for custom colors.
- Application over neoprene flashing may stain coating.
- Do not apply base coat when ambient temperatures will be below 45 °F (7.2 °C) within 24 hours after application.
- Do not thin.
- It is recommended that periodic inspections of the roof system be conducted by the owner, with the subsequent re-application of AcryliTop PC-100 to areas that may need touch-ups.
- Keep from freezing.

### LEED® Information:

Post Consumer Recycled Content: 0%  
Post Industrial Recycled Content: 0%  
Manufacturing Location: Garland, TX and Bartow, FL



## Physical Properties (Meets ASTM D 6083)

Property	ASTM Standard Required Value	Firestone Typical Performance	
		AcryliTop™ PC-100 Base Coat for EPDM	Acrylic Base Coat for Asphalt
Viscosity:	85 – 141 KU	95 KU	110 KU
Volume Solids:	> 50%	51 – 53%	50 – 51%
Weight Solids:	> 60%	66 – 67%	64.5 %
Base:	n/a	Acrylic	Lipomer Acrylic
Color:	n/a	Light Gray	Yellow
Solvents:	n/a	Water and Texanol	Water and Texanol
Density:	n/a	11.3 – 12.3 lb/gal (1.4 – 1.5 kg/L)	11 – 12 lb/gal (1.3 – 1.4 kg/L)
Specific Gravity:	n/a	1.28 – 1.56	1.4
Freeze Point:	n/a	32 °F (0 °C)	32 °F (0 °C)
V.O.C. Content:	n/a	65 g/L	38.9 – 43.1 g/L

Please contact the Quality Building Services Technical Department at 1-800-428-4511 for further information.

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