

TECHNICAL INFORMATION SHEET

AcryliTop™ PC-100

Item Description

White
Gray*
Tan*

Item Number

W56FAC6550P
W56FAC6560P*
W56FAC6570P*

*Minimum order of 80 pails; 20-day lead time

Product Information



Description:

AcryliTop PC-100 coating is a high-solids acrylic roof coating that can be applied alone or in combination with Firestone's Membrane PreWash and AcryliTop PC-100 Base Coat for EPDM or Acrylic Base Coat for Asphalt providing a reflective coating system intended to reduce roof surface temperature and contribute to an extended roof service life.

Methods of Application:

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 AcryliTop PC-100 coating.
2. All surfaces to receive coating must be clean, dry, and free of foreign material and contaminants prior to the application of the base coat.
 - For EPDM systems, remove loose debris from the roof and clean the roof using an approved membrane pre-wash. Contact Firestone Technical Services for additional information and instructions regarding approved membrane pre-wash products.
 - For Asphalt systems, clean the roof to remove all dirt, debris and loose granules prior to coating. Power washing may be necessary on existing roofs.
3. AcryliTop PC-100 coating may be spray applied in one coat or roller applied using a base coat and top coat.
4. **Spray Application**
 - Spray AcryliTop PC-100 coating in a one-coat application (1500 psi) to achieve a coverage rate of approximately 100 ft²/gal (2.5 m²/L). A base coat is optional.
 - 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).
5. **Roller Application**

NOTE: Roller application requires the use of Firestone AcryliTop PC-100 Base Coat or Acrylic Base Coat for Asphalt and AcryliTop PC-100 white, gray or tan as a top coat. Refer to TIS #1616 for additional information on the base coats.

 - Apply AcryliTop PC-100 Base Coat or Acrylic Base Coat for Asphalt with a roller. Allow the Base Coat to dry.
 - After the Base Coat has dried (approximately 24 hours), apply AcryliTop PC-100 coating with a roller at a coverage rate of 100 ft²/gal (2.5 m²/L). Note: Roller application may produce a textured surface appearance.
 - Allow the AcryliTop PC-100 coating to dry to the touch before traffic is allowed on the surface. Dry time is approximately 24 hours, depending on the ambient air conditions.
 - Inspect the application to make certain that complete coverage of the base coat is achieved and at the proper mil thickness (a minimum of 8 dry mils or 16 wet mils).

Storage:

- Store AcryliTop PC-100 coating at room temperature between 60 °F (15.6 °C) and 80 °F (26.7 °C).
- Do not allow AcryliTop PC-100 coating to freeze. If coating does freeze, do not use. An indication that the coating has frozen is a "cottage cheese" consistency. If this "cottage cheese" is present, do not use the AcryliTop PC-100 coating.

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).

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Coverage Rate:

One pail yields approximately 475 ft² (68 m²), depending upon substrate.

Clean-Up:

Clean up using water.

Precautions:

- Refer to the Safety Data Sheet (SDS) for additional information.
- Do not tint AcryliTop PC-100.
- Application over neoprene flashing will stain AcryliTop PC-100.
- Do not apply 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-applications 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

*NOTE: LEED® is a registered trademark of the U.S. Green Building Council.



Typical Properties (Meets ASTM D 6083)

Property	ASTM Standard Required Value	Firestone Typical Performance
Viscosity:	85 – 141 KU	95 ± 2% KU
Volume Solids:	> 50%	51 – 53%
Weight Solids:	> 60%	66 – 67%
Base:	n/a	Acrylic
Color:	n/a	White, gray, and tan
Solvents:	n/a	Water and Texanol
Density:	n/a	11.3 – 12.3 lb/gal
Specific Gravity:	n/a	1.28 – 1.56
Freeze Point:	n/a	32 °F (0 °C)
V.O.C. Content:	n/a	65 g/L

Reflective Properties (White – CRRC Prod. ID 0608-0003)

Reflectivity	Initial	Weathered
Solar Reflectance	0.86	0.73
Thermal Emittance	0.87	0.84
SRI	108	89

Please contact Firestone Technical Services Department at 1-800-428-4511 for further information.

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