

Spec/Data

A707F

Acrylic Polyurethane Foam Base Coat

Product Information

Adurel A707F is an aliphatic acrylic polymer with exceptional resin strength for long-term protection from UV and the elements.

Recommended Uses

Excellent performance, protective coating for sprayed polyurethane foam roofs.

Product Characteristics

Finish: Satin

Color: Light Gray

VOC (EPA method 24): 150 g / l

Recommended Spreading Rate per Coat:

Coverage	1-1.5 gal. / sq.
Wet Mils	16-24 wet mils
Dry Mils	9.6-14.4 dry mils

Drying Schedule @ 8.0 mils wet @ 50% RH:

	50°F	77°F	100°F
To Touch	3 hrs.	30 mins.	15 mins.
To Recoat	4 hrs.	3 hrs.	2 hrs.
To Cure	14 days	12 days	10 days

Drying time is temperature, humidity, and film-thickness dependent.

Cleanup: Clean spills and spatters immediately with water. Dried material can be removed with alcohol.

Application Conditions

Temperature: 40°F and rising

Relative Humidity: 97% Maximum

Do not apply within 5°F of dew point or when rain or dew are expected before adequate curing.

Ordering Information

Packaging:

Container Size	Weight	Class
55-gallon Drum	664 lbs.	55

D.O.T. Shipping Information: Nonhazardous

HMIS: Health 1, Flammability 0, Reactivity 0, Protection A

Performance Characteristics

Property	ASTM	Result
Tensile Strength	D-412	250 psi
Elongation	D-412	300%
Perm Rating	E-398	3 perms
Durameter Hardness	D-2240	50 Shore A
Solids Content by Volume	D-2697	60%
5% NaOH	7-day test	13.5%
Water Swelling	7-day test	10% weight gain

Application Information

Procedures

Brush

Use nylon or polyester brushes.

Rollers

Use 12, 18, or 24" rollers for back-rolling large areas. Use 1/2" – 1 1/2" nap high-grade synthetic heads with phenolic cores.

Spray Gun

Pressure: 3000 psi at 2.5–3 gal. / min. for high volume

Tip: .025 - .043 reversible, self-cleaning, with 40-50° fan angle
Gun: Standard contractor gun; no filters

Extension: 12" wand extension recommended

Line: 3/8" minimum I.D. standard spray line

Performance Features

Mix to uniform consistency. When applying A707F, pay special attention to over-spray that may texturize adjacent surfaces. Wind direction should be toward the applicator. The overspray will discolor and show dirt faster. Applications should be approached while keeping a wet edge for best results. Spreading with a serrated squeegee and back-rolling with a 18" roller is the preferred method for flat applications. Spread rates will vary with roughness of surface.

Limitations

Areas of ponding over 24 hr. rainfall will need additional coats or top coat with U8800 T or MS2200 at 1.5 gal. / sq.

Do not use in areas of grease or hydrocarbons. Cover with U3300 for grease resistance.

Manufactured by

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