

Spec/Data

A404L

Premium Low Modulus Acrylic Base Coat / Finish

Product Information

Adurel A404L is a low-modulus primer for direct application to asphalt and new modified bitumen. The formulation is designed to match adhesive strength on specific surfaces and improve long-term adhesion. Offers excellent ponding water resistance and adhesion to various surfaces.

Recommended Uses

For use over prepared:

Modified bitumen	Cap sheet
Asphalt roofs	Metal roofs
Resin base polyester	Single ply – conditional

Product Characteristics

Finish: Satin

Color: Light Gray

VOC (EPA method 24): 150 g / l

Recommended Spreading Rate per Coat:

Coverage	1 gal. / sq.
Wet Mils	16 wet mils
Dry Mils	8 dry mils

Drying Schedule @ 8.0 mils wet @ 50% RH:

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

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

<u>Container Size</u>	<u>Weight</u>	<u>Class</u>
5-gallon pail	60.4 lbs.	55
55-gallon drum	664 lbs.	55

D.O.T. Shipping Information: Nonhazardous

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

Performance Characteristics (20 mils)

Physical Property	ASTM	Value
Tensile Strength	D-412	100 psi
Elongation	D-412	900%
Durameter Hardness	D-2240	50 Shore A
Solids Content by Volume	D-2697	50%

Application Information

Procedures

Brush

Use nylon or polyester brushes.

Rollers

Use 9, 18, or 24" rollers for back-rolling large areas. Use 1/2"-1 1/2" nap high-grade synthetic heads with phenolic cores.

Squeegees

3/16th for approx. 2 gal. / sq. coverage

1/8th for 1-1.5 gal. / sq. coverage

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 Tips

Mix to a uniform consistency.

When spraying A404L, pay special attention to overspray 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 an 18" roller is the preferred method for flat applications. Spread rates will vary with roughness of surface.

Limitations

This coating is highly sensitive to hydrocarbon oils and plastisizer migration. Do not use over urethanes, foam, or PVC membranes.

Do not use in areas of grease or hydrocarbons.

Manufactured by

Adurel International, Inc.

820 Water St.

Racine, WI 53403

800.860.5834 262.632.3446 Fax

adurel.com