

Spec/Data

AC5000

High-Build Acrylic Elastomeric Base / Finish

Product Information

Adurel AC5000 is a high-solids aliphatic acrylic elastomeric designed as a base filler coat for wood and masonry. Provides a waterproof but breathing membrane that lets vapor escape but keeps water out. Can be left as a finish or coated with the AC9000 high gloss for extra wash ability and dirt resistance.

Recommended Uses

For use over prepared:

Wood	Masonry
Metal	Brick
Plywood	Ductwork
Concrete block	Split Face
Siding	

Product Characteristics

Finish: Eggshell

Color: White

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: Above 40°F. Recommend using Adurel Nytro below 40°F.

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
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 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 Weight	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 9" and 18" rollers for back-rolling large areas. Use 1/2" – 1 1/2" nap high-grade synthetic heads with phenolic cores.

Squeegees

Use neoprene chemical resistant serrated squeegees. 3/16th for 2 gal. / sq. and 1/8th for 1.5 gal. / sq.

Spray Gun

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

Tip: .035 - .052 reversible, self-cleaning, with 40-50° fan angle

Gun: Standard contractor gun; no filters

Extension: 12" wand extension recommended

Line: 1/2" minimum I.D. standard spray line

Performance Features

Mix to uniform consistency. When spraying AC5000, 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

Stain blocking may be limited. Test area to be coated to determine if additional primers are needed to prevent tannic acid or unknown stains from bleeding through.

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