

Spec/Data

U5500

Asphalt Extended Urethane

Product Information

Adurel U5500 is a low-modulus asphalt extended urethane used for high performance maintenance and as a waterproofing membrane. Also used as a base coat under U3300.

Recommended Uses

Metal	Gutters
Planters	Shower basins
Window casings	Sub floor
Spillage	Roofing repairs
Foundations	Split slab
EPDM seams	Asphalt flashings

Product Characteristics

Finish: Black low luster

VOC (EPA method 24): > 220 g / l

Drying Schedule @ 24.0 mils wet @ 50% RH:

	<u>50°F</u>	<u>77°F</u>	<u>100°F</u>
To Touch	4 hrs.	2 hrs.	1 hr.
Tack Free	24 hrs.	9 hrs.	6 hrs.
To Recoat	24 hrs.	9 hrs.	6 hrs.
To Cure	48 hrs.	12 hrs.	10 hrs.

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

Cleanup: 100 solvent

Shelf Life: 12 months min. Keep from freezing.

Application Conditions

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

Ordering Information

Packaging:

<u>Container Size</u>	<u>Weight</u>	<u>Class</u>
5-gallon pail	62 lbs.	55
55-gallon drum	683 lbs.	55

D.O.T. Shipping Information Not Regulated

HMIS: Health 2, Flammability 2, Reactivity 1, Protection H

Performance Characteristics

<u>Property</u>	<u>ASTM</u>	<u>Result</u>
Tensile Strength	D-412	314 psi
Elongation	D-412	1200%
Permeability	D-398	.10 perms at 20 mils
Durameter Hardness	D-2240	50 Shore A
Solids Content by Weight	D-1353	90%
Flash Point	D-1310	None to 105°F
Tear Resistance	D-1004	140 psi

Application Information

Procedures

Brush

Use nylon or polyester brushes.

Rollers

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 Tips

U5500 is a single-component urethane. It must be mixed thoroughly prior to application. Flat sections require pulling out with a serrated squeegee and back rolling with 18" 3/4 nap rollers.

Because both colder temperatures and dry relative humidity retard curing, add the Nytro catalyst at a rate of 4 oz. per 5 gal. when temperatures are below 50°F and work needs to proceed the next day or inclement weather is imminent. Very cold or dry conditions may take several days to cure without the catalyst.

Manufactured by

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