

Spec/Data

U3300

All Purpose High-Tensile Urethane

Product Information

U3300 is an aromatic high performance urethane with unique compatibility with asphalt roofing. Has excellent chemical and abrasion resistance for a wide variety of uses.

Recommended Uses

For use over prepared:

Restaurants	Pedestrian decking
Foundries	Roofing
Ductwork	Harsh environments
Spillage	Single-ply restorations

Product Characteristics

Color: Creamy White

Color Pack Options: Gray
Petina Green
Tan

VOC (EPA method 24): < 250 gal. / l

Recommended Spreading Rate per Coat:

Coverage	1.5-2 gal. / sq.
Wet Mills	24-32 wet mils
Dry Mills	18-24 dry mils

Drying Schedule @ 16 mils wet @ 50% RH:

	<u>77°F</u>
To Skin	45 min.
To Set	2 hrs.
To Recoat	16 hrs
To Complete	7 days

Cleanup: 100 solvent

Shelf Life: 12 months unopened. Keep from freezing.

Application Conditions

Temperature: Above 40°F. Below 40°F use U3300 catalyst (nitro).

Relative Humidity: 97% Maximum

Keep material above 60°F prior to use.

Ordering Information

<u>Container Size</u>	<u>Weight</u>	<u>Class</u>
5-gallon pail	51 lbs.	55

D.O.T. Shipping Information: Resin Solution, Flammable, 3, UN1866, PG II

HMSI: Health 3, Flammability 3, Reactivity 2, Protection H

Performance Characteristics

Physical Property	ASTM	Value
Tensile Strength	D-412	2023 psi
Elongation	D-412	600%
Permeability	E-96	1.1 perms
Durameter Hardness	D-2240	70 Shore A
Solids Content by Weight	D-1353	77%
Tear Resistance	D 624	421 psi
Water Absorption	E-96	.8% max
Adhesion/Peel	D 4541	500 lbs. / concrete
Fire Resistance	ASTM E 108 UL790	UL Class A non combustible decks

Chemical Resistance

Physical Property	Result
Toluene	Tacky Residue
Xylene	Tacky Residue
MEK	Tacky Residue
Gasoline	Tacky Residue
Mineral Spirits	No Effect
Ethylene Glycol	No Effect
40% NaOH	Discoloration
35% HCL	No Effect
25% Sulfuric	Discoloration
5% NaCl	No Effect

Performance Tips

Product will gel naturally in the can within 30 days of manufacture. Mixing will break the gel and liquefy the material to its desired state.

Flat sections require pulling out with a serrated squeegee and back-rolling with 18" ¾ nap rollers. Material will start to stiffen within 15 min. so prepare work area prior to mixing catalyst.

U3300 is supplied ready to use. Keep product warm for easier application. Material requires moisture to cure. Applications in very dry or dry and cold temperature will require U3300 catalyst (Nytro) to cure.

Manufactured by

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