

# Spec/Data

## U7700

### Deck Grade Base Coat Urethane

#### Product Information

U7700 is a deck grade urethane base coat for use in traffic and deck systems, as well as harsh industrial environments.

#### Recommended Uses

Pedestrian and vehicular decking.

#### Product Characteristics

**Color:** Gray – Satin

**VOC (EPA method 24):** < 276 gal. / 1

#### Recommended Spreading Rate per Coat:

Coverage 1.5-2 gal. / sq.  
Wet Mils 8-16 wet mils  
Dry Mils 6.4-12.8 dry mils

#### Drying Schedule @ 8 mils wet @ 50% RH:

	<u>50°F</u>	<u>77°F</u>	<u>100°F</u>
To Touch	8 hrs.	6 mins.	4 mins.
Tack-Free	24 hrs.	12 mins.	14 mins.
To Recoat	24 hrs.	16 mins.	14 mins.
To Cure	48 hrs.	30 mins.	24 mins.

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

**Cleanup:** 100 solvent

#### Application Conditions

**Temperature:** Above 50°F

**Relative Humidity:** 97% Maximum

#### Ordering Information

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

D.O.T. Shipping Information: Nonhazardous

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

#### Performance Characteristics

Physical Property	ASTM	Value
Tensile Strength	D-412	850 psi
Elongation	D-412	340%
Permeability	D-398	2.7 perms at 20 mils
Durameter Hardness	D-2240	60-80 Shore A
Solids Content by Weight	D-1353	81%
Maximum Continuous Service Temperature	ASTM D 1004	185°F (85°C)
Flash Point	D-1310	None to 105°F
Shelf Life (unopened)		12 months (stored 35°F – 75°F)
Viscosity, cps	Brookfield RVF at 20 rpm, 77F	1000–3000 self leveling
Storage Conditions		Do not store above 90°F or in direct sunlight.

#### Application Information

##### Procedures

###### Brush

Use nylon or polyester brushes. Use the 18" squeegee brush to smooth out squeegee grooves in cold weather.

###### Squeegees

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

###### Spray Gun

Pressure: 3000 psi at 2.5-3 gal. / min. for high volume  
Tip: .027-.43 reversible, self-cleaning, with 40-50° fan angle  
Gun: Standard contractor gun; no filters  
Line: 3/8" minimum I.D. standard spray line

#### Performance Tips

Flat sections require pulling out with a serrated squeegee and back rolling perpendicular to the squeegee pattern. 18" 3/4 nap rollers will cut application time in half and result in a more even application.

Manufactured by

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