

# Spec/Data

## U7800

### Deck Grade Finish Coat Urethane

#### Product Information

U7800 is a finish for the Adurel pedestrian and vehicular deck systems.

#### Recommended Uses

Pedestrian and vehicular decking.

#### Product Characteristics

**Color:** Gray

**VOC (EPA method 24):** < 222 gal. / 1

#### Recommended Spreading Rate per Coat:

Coverage 1 gal. / sq.  
Wet Mils 16 wet mils  
Dry Mils 12 dry mils

#### Drying Schedule @ 16 mils wet @ 50% RH:

77°F  
To Recoat 16 hrs. max  
To Complete 24 hrs. max

**Cleanup:** Clean spills and spatters immediately with 100 solvent.

#### Application Conditions

**Temperature:** Above 40°F

**Relative Humidity:** 97% Maximum

#### Cleanup

Clean spills and spatters immediately with 100 solvent

#### Ordering Information

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

D.O.T. Shipping Information Not Regulated

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

#### Performance Characteristics

Physical Property	ASTM	Value
Tensile Strength	D-412	2800 psi
Elongation	D-412	100%
Permeability	D-398	1.6 perms at 30 mils
Durameter Hardness	D-2240	80-90 Shore A
Solids Content by Weight	D1353	80%
Tear Resistance	ASTM D 1004	150 pli
Flash Point	D-1310	>110°F
Abrasion Resistance	ASTM C 501 30 mil dry film on 4" x 4" metal, CS-17 wheel, 1000 rev with 1000 gm weight	.010 g loss
Fire Resistance	ASTM E 108 UL790	See system guide

#### Chemical Resistance

Physical Property	Result
Motor Oil	No Effect
Gasoline	No Effect
Mineral Spirits	No Effect
Ethylene Glycol	No Effect
40% NaOH	No Effect
35% HCL	No Effect
25% Sulfuric	No Effect
5% NaCl	No Effect

#### Performance Tips

Flat sections require pulling out with a 1/8" serrated squeegee and back rolling with 3/4" nap rollers. Heavy applications over recommended spread rate will blister or foam.

Avoid applications in direct sunlight with humidity over 90%.

Manufactured by

**Adurel International, Inc.**

820 Water St.

Racine, WI 53403

**800.860.5834** 262.632.3446 Fax

[adurel.com](http://adurel.com)