

Spec/Data

PC750 T HD

Asphalt Extended Urethane

Product Information

Adurel PC750 T is a plural component asphalt extended urethane suitable for use in harsh environments with demanding waterproofing applications.

Recommended Uses

For use over prepared:

Metal	Gutters
Planters	Shower basins
Window casings	Sub floor
Spillage	Abrasion control
Foundations	Split slab
Wastewater	Sewage containment

Product Characteristics

Finish: Black low luster

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

Drying Schedule @ 24.0 mils wet @ 50% RH:

	50°F	77°F	100°F
To Touch	4 hrs.	2 hrs.	1 hrs.
Tack Free	8 hrs.	6 hrs.	4 hrs.
To Recoat	6 hrs.	3 hrs.	2 hrs.
To Cure	48 hrs.	36 hrs.	24 hrs.

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

Cleanup: Clean spills and spatters immediately with water. Dried material can be removed with alcohol.

Shelf Life: 12 months min. Keep from freezing.

Mixing: Mix part A into part B with a power mixer for a minimum 3 minutes at 350 RPM and a rectangular paddle.

Application Conditions

Temperature: Above 30°F. Keep material above 50°F before activating.

Ordering Information

Container Size	Weight	Class
Part A – 4.5 gal.	45 lbs.	55
Part B – 0.7 gal.	8.4 lbs.	55

D.O.T. Shipping Information:

Part A – Not Regulated

Part B – UN2489 III - Poison

HMIS: Health 2, Flammability 1, Reactivity 0, Protection H

Performance Characteristics (20 mils)

Physical Property	ASTM	Value
Tensile Strength	D-412	520 psi
Elongation	D-412	367%
Durameter Hardness	D-2240	60-65 Shore A
Solids Content by Weight	D-1353	83%
Permeability	E96 at 100°F	.06
Flash Point	D-1310	None to 105°F
Softening Point	ASTM B 36	325°F

Application Information

Procedures

Brush

Use nylon or polyester brushes.

Rollers

Use 1/2"-1 1/2" nap high-grade synthetic heads with phenolic cores.

Spray Gun

Pressure: 3000 psi at 2.5-3 gal. / min. for high volume
Tip: .035-.52 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

Spray Unit

This is 2 component material with a 30 min. pot life after mixing. Air assisted hose and gun recommended for multiple pass work on tanks or walls.

Chemical Resistance

Acetic Acid, Glacial	CR
Acetic Acid, >15%<30%	R
Ammonium Hydroxide >50%	NR
Ammonium Hydroxide <15%	R
Biological Oxidation Ponds	R
Chromic Acid 7%	CR
Sulfuric Acid 6%	CR
Citric System > 15%	R
Diesel Fuel	NR
Copper Sulfate	R
Hydrochloric Acid <15%	R
Hydrogen Sulfide	R
Methanol	CR
Nitric Acid, 10%	R
Sewage, Disposal Plant	R

Key: R–Recommended, CR–Conditional Recommended, NR–Not Rec.

Performance Tips

PC750 is a two-component urethane. It must be mixed thoroughly prior to application with a mixer capable of creating a vortex in the material. Flat sections require pulling out with a serrated squeegee and back rolling with 18" 3/4 nap rollers. Plural component spray equipment must have a 9:1 ratio capability.

Manufactured by

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