



Uroflex PIC

Uroflex PIC, a high performance aliphatic urethane elastomeric coating specifically designed for high build applications. When fully cured, Uroflex PIC forms an extremely tough, abrasive resistant flexible coating, especially suited for applications requiring protection from impact, abrasion or corrosion on metal, wood or concrete surfaces. The system has added UV stabilizers and provides corrosion, weather, and abrasion resistance to various surfaces. Uroflex PIC elastomeric coating is recommended for exterior exposure in severe environments.

Typical applications include protective layers for pipes, tanks, wood, flexible foams, concrete and other industrial surfaces. Uroflex PIC provides excellent corrosion protection for concrete or steel in marine environments.

Property	B Component	A Component
Appearance at 25°C	Pigmented	Clear Liquid
Specific Gravity at 25°C	1.09	1.04
Viscosity at 25°C, Cps	550	250
Flash Point, PMCC, °F	>200	>200
VOC,%	0	0

Property	ASTM Test Method	Unit	Value
Specific Gravity	D792		1.083
Density	D792	lb/ft ³	67
Hardness	D2240	Shore A	92
Taber Abrasion H-18 Wheel, 1000-g Load, 1,000 Cycles	D4060	mg/loss	150
Tensile Strength:	D412	lb/in ²	1390
Ultimate Elongation	D412	%	100
Tear Strength Die C	D624	lbf/in	330
Bond Strength (concrete)	C1583	lbf/in	450
Water Absorption: 30 Days	Pilgrim	%	1.0

Storage:

Store in dry moderate temperature . Shelf life of Uroflex PIC is 6 months.

Surface Preparation:

General: Surfaces to be coated must be clean and dry. Adhesion promoters and or recommended primers as recommended. Primer not generally required on concrete. Surface must be clean of all foreign materials. Blow surface with clean dry air before application. Concrete - fill all bug holes or other anchor holes with Pilgrim EM 5-2 GEL

Concrete: Concrete must be cured a minimum of 28 days and be free of release agents, curing compounds, oils and free from loose dust or debris. Sandblasting is the most effective method of cleaning concrete surfaces. Sometimes environmental restrictions preclude the use of dry sandblasting. Surface grinding recommended to profile and clean the concrete in lieu of sandblasting recommended.

Mixing & Application: 1:1 by Volume.

Material is packaged in 2 quart Units. Special packaging available. Coverage @ 30 mils = 50 sq/ft./gallon.

Pre-mix B side prior to to ensure any settled pigment is properly dispersed

Measure into a (mix and measure) container a volume of Part B then pour and measure same volume of the A Component into the mix and measure container. Mix thoroughly. Brush and roller application.

Mix material for 1-2 minutes until material is of a uniform color.

Apply mixed Uroflex PIC immediately by brush or roller. 2 coats will be required to achieve the 40 mils.

Pot Life of mixed components is 30-40 minutes

30 minute re-coat time.



Uroflex 65_{TU}

Uroflex 65 components are shipped in sealed containers that are purged with dry nitrogen. The containers should be kept tightly sealed and stored in a cool dry area. Storage temperatures should not exceed 90°F. Shelf life stored under these conditions is 6 months. Tightly reseal containers immediately after dispensing components.

Processing Parameters		
Processing Temperature		0-35°C
Mix Ratio, by volume		1 to 1
	Reactivity:	
Pot Life		45 min
Tack-free		30 min
Handling		1 hr.
Re-Coat		1 hr.

Florida Department of Transportation
Section 462 & 975
Protection of Post-Tensioning Anchorages

Within seven days upon completion of the grouting, protect the anchorage of post-tensioning bars and tendons as indicated in the plans. The application of the elastomeric coating may be delayed up to 90 days after grouting. Use an epoxy grout, meeting the requirements of Section 926 to construct all pour-backs located at anchorages.

Remove all laitance, grease, curing compounds, surface treatments, coatings and oils. Follow surface preparation requirements detailed on page 2.

Primer Application:

Coat the exposed cleaned surfaces with B1 Primer or Prime X. Area to be coated with Primer must be dry. Apply primer at a the rate of 300 sq/ft/gal. via brush or roller. Only a thin 2-3 mil application of primer is required. Allow primer to cure a minimum of 4 hours before application of Pilgrim Uroflex 65. When applying multiple coats, do not allow more than 24 hours at 77°F (25°C) substrate temperature to pass between coats, higher temperatures will shorten this window.

Mixing Instructions For
UROFLEX 65 TU

Material is packaged in 2 quart Units. Special packaging available.

Measure into a (mix and measure) container a volume of Part B then pour and measure same volume of the A Component into the mix and measure container. eg. 32 ozs. or 1 quart B Component + 32 ozs. or 1 qt. of A Component = 1/2 gal. or 64 ozs. total mix. Mix material for 2 minutes until material is of a uniform color.

Apply mixed Uroflex immediately by brush or roller.

The minimum thickness of the system shall not be less than 30 mils.

Apply in one or two coats to achieve 30 mils minimum requirement.