



# DRYTEX PU

IDEAL SINGLE COMPONENT POLY URETHANE BASED WATER PROOFING SYSTEM

**DRYTEX PU** is a one-component, VOC-compliant, ready-to-use, polyurethane-based waterproofing membrane that is applied as liquid. It cures by reaction with humidity, maintains its elasticity, suitable for applications to horizontal and vertical surfaces DRYTEX PU is specially designed from a blend of polyurethane, reinforced with special water repelling fillers, minerals, stabilizers and gelling agent.

## OUTSTANDING FEATURES

- ▶ It's a highly elastic product, cures to a rubber like membrane capable of withstanding severe cases of expansion, contraction and deck movements.
- ▶ Highly resistant to oxidation, UV light and ozone because of unique additives used in compounding it. It does not crack.
- ▶ More durable than normal asphalt coating and lasts longer than most other coatings
- ▶ Superior wetting and adhesion properties ensure durable bond and resistance to peeling, chipping, and or separation and a longer life
- ▶ Has the unique property of adapting itself over the irregular contours of the deck and forming a waterproof and impervious blanket

## USES

Ideal waterproofing system for concrete based wet area ,built up roofs, maintenance of existing roofs, masonry and concrete walls, bathrooms, basements, bridges, decks, metal surfaces etc

## CHARACTERISTICS (Confirms to ASTM C 836 )

PROPERTIES	VALUES	TEST METHOD
Construction	Liquid Elastomeric polyurethane	
Density	1.18 g/ml	
Tensile strength	1.6 N/mm <sup>2</sup>	ASTM D 412
Elongation	900%	ASTM D 412
Solid content	90%	
Adhesion on Concrete	2.2N/mm <sup>2</sup>	
Moisture vapor	0.02	
Shore A Hardness	60	
Crack bridging	Passed 1/16" at 150 F (-9°C)	
Permeability	1.02 perms	
Coverage	1.1 Lit / 1 m <sup>2</sup> at 1000 micron DFT	
Minimum Thickness	1000 micron	
Setting time	One day	
Color	Black	
Duration between the coats	4 hours	

All values are subject to ± 5-10% tolerances.



## INSTALLATION

### Surface Preparation

Surface to be waterproofed shall be dry, clean, sound and free of all contaminants which may interfere with adhesion or proper curing. The substrates should not contain holes or cracks and should be dust-free. This kind of defects should be fixed with repair mortars prior to application. All shrinkage cracks shall be treated with suitable material. Moving structural cracks greater than 1/16" (1.6 mm) shall be routed out and caulked with approved ORGANIX material. Detailing like horizontal-vertical junctures, projections, expansion joints and other areas of potential high movement may require reinforcement mate and sealants to detail. Consult with OBS tech team for further information. All detailing must be cured a minimum of 12 hours prior to the application of the membrane. Detailing shall be wiped clean prior to the application of the membrane.

### Application

Before application, mix DRYTEX by hand or using a mechanical mixer at slow. This rapid setting liquid is spread at the desired thickness onto the prepared surface. The coating is applied straight from the container using standard roofing brushes, squeegees or airless spray equipment at the recommended coverage rates on properly cleaned and prepared dry substrates. Application of the DRYTEX System should be done in one complete step to create a smooth uniform self leveling surface without cold joints, lines or streaks. Apply the first coat at the rate of 500 micron thickness. Let it dry fully (approximately 4-6 hours should be waited between two layers), then apply the second coat (500micron thickness). Waiting time shortens in hot weather and lengthens in cold weather.

### HEALTH AND SAFETY

Wear protective clothing, gloves and goggles.

**Skin :** Avoid repeated or prolonged contact, if contact occurs ,clean with hand cleaner that removes oil or grease, then clean with soap and water.

**Eyes :** Contact could cause irritation. If contact occurs, flush with clean water.

**Inhalation :** Can cause dizziness. Remove to fresh air and if breathing difficulty persist administer oxygen

### PACKING

20 Litre Pail

### STORAGE

Store in cool, dry area. Product is not flammable. Do not allow to freeze. Shelf life - 12 months.

**ORGANIX**  
BUILDING SYSTEM

Dubai - U.A.E, Tel: +971 4 2676951  
Fax: +971 4 2676931  
E-mail: [info@organixbs.com](mailto:info@organixbs.com)  
[www.organixbs.com](http://www.organixbs.com)



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