



OR85TD (Traffic Deck)

Product Description

- Two component aliphatic polyurea
- All of the great properties of a Polyureas
- UV stable
- Will not discolor
- 100% solids
- Traffic deck coating

Products Uses

- can be used for coating concrete, metals, foams, wood
- And geotextiles or other outdoor applications where color
- Stability is important

Product Applications

- *Vehicle deck coating
- *Secondary containment
- *Wastewater and pool linings
- *Cold storage areas
- *Wash bay and car wash
- *Cooling towers
- *Water proofing
- *Roof coatings
- *Industrial flooring
- *Meat processing plants

Shelf life - One (1) year in an unopened container,
Storage temperature 50° - 90° F

Primer

If needed, OR511/OR611

Surface Preparation

Call EFP LLC for this informational
Guide

Adhesion properties

Concrete (no primer)	400 PSI concrete failure
Steel (epoxy primer)	900 PSI primer failure
Wood (no primer)	250 PSI delamination

Chemical resistance sheet

Call EFP LLC 1 (920) 299-6111

Product coverage

One (1) gallon covers 160 sq ft @ 10 mils

Typical Process Conditions

Resin temperature "B"	150-160°F
Isocyanate temp "A"	150-160°F
Viscosity "A" (cps)	675
Mix ratio by volume	1:1
Gel time (seconds)	15 sec.
Tack free time seconds)	<25
Spray pressure	1,800-2,000 PSI

Coating properties

Tabor abrasion	ASTM D-4060-76
Hardness shore A	ASTM D2240-85
Tensile strength (psi)	ASTM D-41-2970
Elongation, ultimate (%)	ASTM D-412-375
Tear strength, Die C (pli)	ASTM D-624-400
100% Modulus (psi)	ASTM D-412-1700
Moisture vapor transmission perm value)	ASTMD E-96-80-<0.10
Flash point	ASTM Penske-Martin <200
Weather ability	No evidence of discoloration or failure after 2000 hours Xeon Arc)

Application (traffic deck system)

1. Surface preparation MOST important follow
Tech sheet)
2. OR611 primer/base coat
3. Aggregate in OR611 primer/base coat for
non-skid
4. OR85TD UV topcoat
5. Product may be applied with a brush, roller,
Squeegee, and spray equipment

Warranty

The technical data and any other printed information furnished by EFP LLC is true and accurate to the best of our know-OR85TD conforms to in house quality control procedures and should be considered free of defects. The data provided is believed to be reliable and is offered solely for evaluation. The use of this product is beyond the control of The seller, therefore the buyer assumes all risks of use and handling whether done in a matter that is in warranty, expressed or implied, of its products and I Shall not be liable for indirect or consequential damage in any event.

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