



Oak Ridge™

Chemical/Equipment



Friendly Foam
Earth friendly..User friendly!

ORBL-Roll-NS

Bed liner-Non skid

Product Description

- Two component polyurea
- All of the great properties of a Polyureas
- Stable in darker colors
- 100% solids
- Traffic deck coating

Product Uses

- Can be used for coating concrete, metals, foams, wood and geo textiles 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

Colors

Standard colors are black and dark gray

Shelf life

One (1) year in an unopened container.

Storage temperature 50°F-90°F

Primer

If needed OR611 or PRPR811

Surface Preparation

1. Previously painted surfaces: Solvent clean to remove all oil, grease and wax. Remove all rust and damaged paint. Feather edge the repair areas. Fill and putty as required. Sand all areas to be painted with 120-180 grit wet or dry sandpaper. Prime with ORPR811.
2. Stainless steel: Solvent wipe, scuff sand or abrasive blast. Prime with ORPR811.
3. Steel: Remove all rust, mill scale, and foreign matter. Solvent wipe to remove all oils and grease. Sand blasting is best-if possible. Prime with ORPR811.
4. Aluminum: Solvent clean to remove all oil and grease. Sand surfaces with 120-180 grit sandpaper. Prime with ORPR811.

5. Concrete: Laitance, curing compounds, concrete contaminants must be removed. Shot-blast or acid etch areas to be coated.

Adhesion Properties

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

Chemical resistant sheet

Call EFP LLC (920) 294-6800

Product coverage

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

Typical Process Conditions

Resin temperature "B"	Ambient/65°F
Isocyanate temp "A"	Room temp.
Viscosity "A" (cps)	675
Viscosity "B"	750
Mix ration by volume	2:1
Gel times (minutes)	30-6- minutes
Tack free time (hours)	1-2 hours

Coating Properties

Tabor abrasion	ASTM D-4060-76
Hardness shore A	ASTM D-2240-85
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 per value	ASTM D-96-80<0.10
Flash point	ASTM D-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. ORPR811 primer/base coat
3. Aggregate in ORPR811 primer/base coat for nonskid
4. ORBL Roll-NS topcoat.
5. Product may be applied with a brush, roller, or spray equipment. Call for current unit to use for this application.

Warranty

The technical data and any other printed information furnished by CH LTD is true and accurate to the best of our knowledge-ORBL Roll-NS 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 product and shall not be liable for indirect or consequential damage in any event. 12/21/10

Specializing in Polyethylene/Polyurea/Polyaspartic Protective Coatings & Equipment

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