



Coating Holdings LTD

ORBLH (Bedliner Hard)

Product Description

- 100% solids, two component polyurea hybrid coating
- Contains no VOC's
- Good resistance to inorganic bases, acids and hydrocarbon solvents
- Fair resistance to oxygenated and chlorinated solvent
- Good resistance to hot water up to 180° F

Primary Applications

- Use as a non immersion grade tank lining for steel and concrete tanks
- Lining of material handling equipment
- Coating of urethane or expanded polystyrene foam insulation
- Waterproofing of structures
- Protection of concrete from acid and alkaline materials
- Use as an environmental containment barrier with or without geotextiles
- Used for lining interior of truck beds
- Use as tank lining material

Color

Standard is black. Contact Enhanced Flooring Products LLC for additional colors.

Storage

12 months in unopened containers at 50-90° F.

Iso component contains polymeric isocyanate requiring fresh air supply

Application:

Thoroughly mix the colored component in order to re-suspend any pigment that may have settled out. Apply using hot airless spray equipment capable of producing a minimum of 1500 PSI and maintaining an application temp of 150° F. The mixing ratio shall be maintained within 0.95 to 1.1 volume of iso to 1 volume of poly. Impingement mixing, air purge spray guns are suggested for ease of application. ORBL gels in 10 seconds and cures to handle in 15-20 seconds when applied using hot airless spray equipment. Allow 1-4 hours to cure completely before placing coated items into service. Other variations of this product include the same polymer system supplied with a mixing ratio of one volume iso to two of poly. A slightly softer version with 40 Shore D hardness is also available. Other properties that can be enhanced include antistatic properties and low coefficient of friction additives to aid in unloading bulk material and enhance wear properties. Please contact Enhanced Flooring Products LLC for further information.

11/08

Toxicity

respirator, gloves and protective clothing during application

Typical Physical Properties

Tensile Strength	ASTM D412	2800
Elongation (%)	ASTM D412	225%
Tear Strength (PLI)	ASTM D-624	350
Hardness (shore A)	ASTM D2240	93
Abrasion resistance	Excellent	
Viscosity B side	CPS	500-600
Viscosity A side	CPS	500-600
Ratio A/B	BV	1:1
Density B side	1.025	
Density A side	1.14	
Flash point	ASTM D56	>720° F
VOC Testing	CAN/ULC-S774 P	>200° F
Weight	8.5 lbs/gallon	
Gel Time	25 to 30 seconds	
Tack Free Time	10 minutes	
Foot traffic	1 hour	

Primer

ORPR511 is the recommended primer for concrete, wood and metal substrates

Warranty

The technical data and any other printed information furnished by Enhanced Flooring Products LLC (EFP LLC) are true and accurate to the best of our knowledge. ORBL 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 accordance with the provided posted directions or not. EFP LLC makes no warranty; expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event.

Specializing in Polyethylene/Polyurea Protective Coatings and Equipment