



Oak Ridge™

Chemical/Equipment



Friendly Foam
Earth friendly..User friendly!

OR75DCL

(OR DuraClear)

Product Description

- Two component, batch mix polyaspartic coating
- Long pot life
- Moderate tack free time
- Good hydrolytic stability up to 160° F
- Excellent water resistance
- Good resistance to acids and hydrocarbon solvents
- Excellent resistance to oxygenated solvents, chlorinated solvents and inorganic bases. See chemical resistant sheet
- UV Stable/non-yellowing (clear or tinted, any color)
- No VOC's/no odor
- Will not crack or break at any temperature

Primary Applications

- Exterior/Interior Protective coating for marine application
- Intended for use as a clear or colorfast wearing and waterproofing membrane for pedestrian decks, boat decks and docks.
- May be used directly over the ORDuraCoat-RS for non-skid surface on concrete.
- Produces added luster and clean ability
- Can be used on concrete and wood surface to preserve surface from salt degradation.

Storage Stability

One year in unopened original containers at 40-90° F. Normally, containers should be used within one week after opening unless resealed with nitrogen blanket.

Coverage: Apply at a rate of 1 gallon per 1600 square feet @ 1 mil.

Application

When using granules to provide a higher friction surface, a two coat process can be used. Concrete; apply for non-skid surface over the OR611 and granules; broadcast additional grit, then top coat if desired. Prime metal and wood, fiberglass and concrete with OR611 @ 5-10 mil thickness coverage rate @320-160 S.F. per gallon of primer.

Typical Physical Properties

Tensile Strength	ASTM D-412	6000
Hardness (shore D)	ASTM D-2240	75±3

Density B side (dependent on color)	8.7 lbs/gallon
Density A side	9.1 lbs/gallon
Flash point	above 120° F
Viscosity A side	1100 cps @ 23C
Viscosity B side	710-810 cps @ 23C
UV Stable South Florida Sun	10+years/no effects
Solids by weight	100%
Solids by volume	100%
Abrasion Resistant	ASTM-4000-30mg loss
Glass water permeability	ASTM D-523 60°/90+
Ultimate Elongation	ASTM D-412 100±25%
Tear Resistance (DIE C)	ASTM D-624 325±35pli

Dry Film Thickness

Exclusive of aggregate @ 1 gal/100 Sq.Ft. 11±2 mils, 279±50 microns.

Mix Ratio 4 parts of A to 6 parts of B **or** 1 part A to 1.5 parts B by volume.

Mixing

Best results are obtained by pouring the part A into the mixing container first, and then mix Polyol into the Part A.

Pot life and cure time

Pot life of one gallon quantity is 60 min at 70° F. Higher temps and large quantities will shorten pot life and lower temps and smaller quantities will lengthen pot life. When applied at ½ gallon per sq ft, ORDuraClear will be ready for recoat in 1 hour at 70° F. Allow 3-4 hours after final coat before permitting foot traffic.

Equipment

Can be applied by high or low pressure spray equipment.

Warranty

The technical data and any other printed information furnished by Coating Holdings LTD (CHL) are true and accurate to the best of our knowledge. OR75DCL 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. CH LTD makes no warranty; expressed or implied, of its products and shall not be liable for indirect or consequential damage in any event by applicators **not certified**.
2/20/12

Suppliers of High performance Foam/Coating and application Equipment

Coating Holding LTD 575 Commercial Ave., Green Lake, WI 54941 800-625-9577 Fax 920-294-6830

www.oakridgepoly.com