



Foam & Coating Systems, Inc.

ORDCLR/S

Product Description

Two component, batch mix aliphatic 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
Produces added luster and clean ability

Primary Applications

Intended for use as a clear or colorfast wearing and waterproofing membrane for pedestrian decks, auto decks and industrial flooring. May be used directly over the ORDuraPatch to provide a less aggressive surface.
Protective coating for feeder bowls.
Protective coating for any metal surfaces.
Apply 5-10 mils over exterior metal surfaces to provide Chemical resistance-see chemical resistant sheet.
Protection from impact and abrasion on equipment or containers used for hauling various aggregates.

Storage Stability

One (1) year in unopened original containers at 40-90° F. Normally, containers should be used within one week after opening unless resealed with nitrogen blanket.

Application

Apply at a rate of 1 gallon per 1200 square feet @ 1 mil. When using granules to provide a higher friction surface, a two coat process can be used. Apply one coat over the CMP I and granules; broadcast additional grit, then topcoat if desired. Prime metal and concrete with OR611 @ 5-10 mil thickness, coverage rate @320-160 S.F. per gallon of primer.

Contact Oak Ridge application specialist for application specifications.

Typical Physical Properties

Tensile Strength	ASTM D-412	6000
Hardness (shore D)	ASTM D-2240	50±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	1000 cps @ 23C	
Viscosity B side	1200 cps @ 23C	

Coverage	1600 sq ft/gallon/mil.
Solids by weight	70-80%
Solids by volume	70-80%
Abrasion Resistant	ASTM-4060-30mg loss
Glass water permeability	ASTM D-523-60°/90+
Ultimate Elongation	ASTM D-412 200±25%
Tear Resistance (DIE C)	ASTM D-624 225±35pli

Dry Film Thickness

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

Mix Ratio

1part A to 1part B

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 20-30 min at 70° F. Higher temps and large quantities will shorten pot life and lower temps and smaller quantities will lengthen pot life. Allow 3-4 hours after final coat before permitting foot traffic.

Equipment

Can be applied by notched trowel, medium nap roller, squeegee, brush, or spray applied with HLVP or airless

Color

Standard color is clear. Any color is available.

Warranty

The technical data and any other printed information furnished by Oak Ridge are true and accurate to the best of our knowledge. ORDCLR/S 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. Oak Ridge 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**.

Manufacturer of High Performance Foam/Coatings & Application Equipment

800-625-9577 920-294-6800 920-294-6830 Fax
575 Commercial Ave., Green Lake, WI 54941 www.oakridgepoly.com