

LOW ODOR POLY HYBRID (CLEAR)

Low Odor Industrial UV-Stable Color and Top Coat

Description: Two-component low-odor polyaspartic clear. This low viscosity, zero solvent, easy to handle product combines extreme chemical, abrasion and UV-resistance with fast-cure properties. The product is ideal for exterior or rapid turnaround installations in temperatures as low as 20°F.

Areas of Usage: Used as a clear top coat or may be pigmented for use as a color coat in warehouses, manufacturing facilities (food preparation, food processing, and chemical processing plants), parking lots, chemical storage areas, laboratories, airplane hangars, garages, patios, walkways and handicap ramps. May be used as a clear top coat or color coat anywhere extreme chemical resistance and /or UV protection is required.

Features / Advantages:	Clear	Typically used as a top coat
	Extreme chemical resistance	May be pigmented for use as color coat
	Excellent gloss retention	Extreme UV protection
	Low VOCs	Moisture and abrasion resistant
	Low odor	Rapid cure time
	Low viscosity	Easy to handle

Surface Preparation: Allow new concrete to cure for at least 30 days prior to preparation and coating. Test for moisture and remove dust, laitance, grease, curing compounds, preparation bond-inhibiting impregnations, waxes and other contaminants. Prepare concrete via mechanical abrasion (diamond grinding, bead-blasting) and follow with application of appropriate primer and / or color coat.

Technical Data: *Note: Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions*

Packaging: 0.5-gallon and 5-gallon Part A containers and 0.5-gallon and 5-gallon Part B containers.

Mixing Ratio: One (1) part Part A to one (1) part Part B (i.e., 1: 1 ratio); the mixture should not be reduced with solvent

Application: Polyester brush and 9", 14" or 18" rollers with microfiber nap

Average Dry Time at 77°F (25°C): Dry times vary depending upon weather conditions. **Cure to Tack-Free:** 1 hour; **Waiting Time Between Coats:** immediately (if same product) to 8 hours (sand if >8 hours); **Cure to Light Foot Traffic:** 4 hours; **Cure to Vehicle Traffic:** 72 hours; **Full Cure:** 7 days

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Technical Data (Con't):	<i>Data / results may differ due to statistical variations, mixing methods and equipment, temperature, application methods, actual site conditions and curing conditions</i>
Resistance To:	Moisture, stains, chemicals and abrasion (e.g., water, mold, mildew, salt, grease, oil spills (and other petroleums), urine, blood, black ink, brake fluid, gasoline, hydraulic fluid, xylene, MEK, bases (sodium hydroxide), and acids (hydrochloric, sulphuric, acetic and nitric acids)
Reducing:	Do not reduce.
Finish:	High gloss; 95 at 60 degrees
Colors:	Clear but may be tinted using pigment packs
% Solids (Vol):	High solids; 75%
% Solids (Wt):	High solids; 77%
VOC:	400 grams/liter
Pigment Type:	May use pigment packs if using as a color coat
Vehicle Type:	Polyaspartic
Viscosity:	200 cps at 77°F (25°C)
Thickness:	Recommended for application up to 10.0 mils dry film thickness per coat. Heavy applications exceeding this thickness may result in slow dry.
Hardness:	172 (Pendulum Hardness Tester)
Adhesion to Concrete:	Concrete fails before loss of bond (ASTM D-451)
Tabor Abrasion:	36 mg loss (1000 gm. load 1000 cycles, CS17 wheel)
Pot Life:	Pot Life = 20 minutes for 1 - 2 gallons at 77°F (25°C) and 50% relative humidity (RH). If ambient temperature is greater than 77°F and / or RH greater than 50%, pot life is dramatically shortened
Shelf Life:	6 months at 77°F (25°C) when Parts A and B are not combined

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Mixing: Clear Poly Hybrid is a two component system: Part A and Part B (the activator). When ready to use, mix Part A and Part B in a ratio of 1:1 as follows: add one (1) Part A and one (1) Part B in a bucket and mix immediately. Always mix at a slow mixing speed to avoid introducing air into the mixture. Do not reduce with solvent. Finally, if polypropylene anti-skid is to be incorporated in the mixture, add the required quantity and re-mix (do not exceed 4 ounces polypropylene anti-skid per 1 - 1 ½ gallons of the low odor clear Poly Hybrid).

Application Procedure: Low-Odor clear Poly Hybrid may be used in a variety of coating systems and is typically used as a top coat.

Handling and Storage: Store in a cool, dry, well ventilated area. Keep containers tightly closed.

• KEEP CONTAINER TIGHTLY CLOSED • KEEP OUT OF REACH OF CHILDREN • NOT FOR INTERNAL CONSUMPTION • INDUSTRIAL GRADE • HANDLING AND INSTALLATION MUST BE PERFORMED BY ECO-CORFLEX-CERTIFIED APPLICATORS ONLY •

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