

ECO HYBRID (CLEAR)

Super high gloss premium abrasion-resistant top coat

Description: Two-component polyaspartic clear coat providing a high-gloss finish. This product combines extreme chemical, abrasion and UV-resistance with fast-cure properties. May be used in lieu of its sister product, clear Poly Hybrid, but with simplified 1:1 mixing ratio and less reducing solvent. Ideal for exterior or rapid turnaround installations in temperatures as low as 20°F

Areas of Usage: Recommended for interior and exterior concrete including warehouses, manufacturing facilities, parking lots, chemical storage areas, laboratories, airplane hangars, garages, patios, walkways and handicap ramps. May be used as a clear top coat anywhere extreme chemical resistance and /or UV protection is required

Features / Advantages:	Clear	Rapid dry time
	Extreme chemical resistance	Extreme UV protection
	Excellent gloss retention	Excellent moisture and abrasion resistant
	Low VOCs	Excellent clarity
	High solids	Outstanding flow and leveling
	Impermeable	Used as a top coat
	Very low maintenance	Superior mechanical resistance

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 (grinding, bead-blasting, diamond grinding) or chemical treatment (acid washing followed by alkali neutralization) and follow with application of appropriate primer and / or color coat before applying this product. Procedures are outlined in SOP GFC-106, titled Concrete Preparation and as part of SOPs GFC-107 through GFC-118.

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: Part A is available in a 2-gallon plastic pail with 1-gallon fill and Part B is available in a metal 1-gallon pail

Mixing Ratio: One (1) part Part A to one (1) part Part B (i.e., 1: 1 ratio); the mixture may be diluted

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

Average Dry Time at 77°F (25°C): At 77°F (25°C); dry times vary depending upon weather conditions. **Cure to Tack-Free:** 45 minutes; **Waiting Time Between Coats:** immediately (if same product) to 8 hours (sand if >8 hours); **Cure to Light Foot Traffic:** 24 hours; **Cure to Vehicle Traffic:** 48 hours; **Full Cure:** 3 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:	Excellent resistance to moisture, staining, wear, abrasion, and chemicals. Very good resistance to solvents. Good chemical fumes resistance. Excellent clarity
Reducing:	May be reduced with acetone, xylene or citrus solvent; however, citrus solvent should never exceed 50% of the total volume of the combined reducers. Consult local air district rules or regulations
Finish:	Super high gloss
Colors:	Clear
% Solids (Vol):	94%
% Solids (Wt):	95%
Solvent Type:	Ester
Vehicle Type:	Polyaspartic/aliphatic poly isocyanate
Viscosity:	64 Krebs unit at 77°F (25°C)
Physical Properties:	VOC Actual: 49 g/l • VOC Regulatory: 49 g/l • Weight of Volatiles: 4.6% • Weight of Exempt: 0.0% • Volume of Exempt: 0% • Density: 1.073 kg/l
Thickness:	Theoretical coverage at 1 mil is 1510 sq ft. Recommended for application up to 3.0 – 4.0 mils dry film thickness per coat. Heavy applications exceeding this thickness may result in slow dry.
Flexural Strength:	Not available
Compression Strength:	Not available
Pot Life:	Pot Life = 10 – 15 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 that 50%, pot life is dramatically shortened
Shelf Life:	12 months at 77°F (25°C) when Parts A and B are not combined

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Mixing: Mix Part A and Part B in a ratio of 1:1 as follows: add one (1) part Part A and one (1) part Part B in a bucket and mix immediately. Always mix at a slow mixing speed to avoid introducing air into the mixture. After thoroughly mixing Parts A and B, up to one part solvent may be added as a reducer; if so, re-mix thoroughly. 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 Poly Hybrid). If mixing in temperatures >77°F (25°C) or if mixing more than a gallon of product at one time, the pot life is dramatically shortened.

Application Procedure: Clear Eco Hybrid may be used in a variety of coating systems and is used as a top coat. Step-by-step application procedures are provided in standard operating procedures (SOPs) GFC-107 through GFC-118. All SOPs are on file with Eco-CorFlex.

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 •

All information provided by Eco-CorFlex concerning its products, including but not limited to, any recommendations and advice relating to the application and use, is given in good faith based on Eco-CorFlex's current experience and knowledge of its products when properly stored, handled and applied under normal conditions in accordance with Eco-CorFlex SOPs. In practice, the differences in materials, substrates, storage and handling conditions, actual site conditions and other factors outside of Eco-CorFlex's control are such that Eco-CorFlex assumes no liability for the provision of such information, advice, recommendations or instructions related to its products, nor shall any legal relationship be created by or arise from the provision of such information, advice, recommendations or instructions related to its products. The user of Eco-CorFlex product(s) must test the product(s) for suitability for the intended application and purpose before proceeding with the full application. Eco-CorFlex reserves the right to change the properties of its products without notice.

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