Colorama®

"Not Just Paint, But Real Protection"

Colorama PE1060TEX

EPOFLEX TEX

Selection & Specification Data

Generic Type	Cycloaliphatic Amine Epoxy Acrylate.
Description	Highly flexible and non-skid epoxy coating based on high quality epoxy acrylate resin which combines between adhesion and durability of epoxies with flexibility common to acrylics, designed to be used for steel and concrete floors as non-skid coating with high flexibility to resist cracks and skid in case of high surface expansion or shrinkage.
Features	• Excellent chemical resistance. • Excellent skid, cracks and abrasion resistance. • VOC compliant to current AIM regulations. • Excellent water proofing properties. • Flexible with elongation up to 250%.
Color	As per shade card.
Finish	Gloss.
Dry Film Thickness	2000-4000 microns per coat.
Solid Volume	99% ± 1%.
Theoretical coverage	0.5 m^2/L @ 2000 microns.
VOC Values	0 g/L.
Dry Temperature Resistance	140°C (Discoloration and loss of gloss is observed above 95°C.

Substrate & Surface Preparation

General	Surfaces must be clean and dry. Employ adequate methods to remove dirt, dust, oil and all other contaminants that could interfere with adhesion of the coating.
Steel	Steel blast cleaned to ISO-Sa2½ and then primed with flexible epoxy primer or other suitable epoxy primer.
Galvanized Steel	Primed with suitable etching primer.
Concrete	Concrete must be shoot blasted and repair cracks with a suitable sealant and then primed with a proper epoxy sealer.

Performance Data

Test Method	System	results
ASTM D3359 : Adhesion	Blasted Steel : Iso Sa 2½	5A
ASTM D4060 : Abrasion	Blasted Steel : Iso Sa 2½	95 mg loss after 1000 cycles, CS17 wheel, 1000 g load.
ASTM D3363 : Pencil hardness	Blasted Steel : Iso Sa 2½	6H
ASTM D2486: Scrub Resistance	Blasted Steel : Iso Sa 2½	90% gloss retained after 10,000 cycles w/liquid scrub medium.

Application Equipment

Listed below are general equipment guidelines for the application of this product. Job site conditions may require modifications to these guidelines to achieve the desired results. **General Guidelines**:

Conventional Spray	Pressure pot equipped with dual regulators, 3/8" I.D. minimum material hose, .070" I.D. fluid tip and appropriate air cap.
Airless Spray	Pump Ratio: 30:1 (min.) GPM Output: 3.0 (min.) Material Hose: 3/8" I.D. (min.) Tip Size: .017"-.021" Output PSI: 2100-2300 Filter Size: 60 mesh
Brush & Roller (Genaral)	Multiple coats may be required to obtain desired appearance, recommended dry film thickness and adequate hiding. Avoid excessive re-brushing or rerolling. For best results, tie-in within 10 minutes at 24°C.
Brush	Use a medium bristle brush.
Roller	Use a short-nap synthetic roller cover with phenolic core.

Mixing & Thinning

Mixing	Power mix separately, then combine and power mix. DO NOT MIX PARTIAL KITS.
Ratio (by Weight)	One part component (B) to be added to five parts of component (A) A:B 5:1
Thinning	EPOFLEX TEX is a solvent free coating and no thinning is required.
Pot Life (25°C)	45 min.
Cleaning Equipments	Colorama Thinner No. 907EP

Application Conditions

Condition	Material	Surface	Ambient	Humidity
Normal	15°-35°C	15°-35°C	15°-35°C	0-85 %
Minimum	10°C	10°C	10°C	0 %
Maximum	37°C	55°C	45°C	85 %

This product simply requires the substrate temperature to be above the dew point. Condensation due to substrate temperatures below the dew point can cause flash rusting on prepared steel and interfere with proper adhesion to the substrate. Special application techniques may be required above or below normal application conditions

Curing Schedule

Surface Temperature % 50% R.H.	Dry to Recoat	Complete Cure
10°C	36 hours	10 days
15°C	24 hours	7 days
25°C	16 hours	5 days
35°C	8 hours	4 days

Higher film thickness, insufficient ventilation or cooler temperatures will require longer cure times. Excessive humidity or condensation on the surface during curing can interfere with the cure, can cause discoloration and may result in a surface haze. Any haze or blush must be removed by water washing before recoating. During high humidity conditions, it is recommended that the application be done while temperatures are increasing. **Maximum recoat/topcoat times are 30 days for epoxies and 90 days for polyurethanes at 75°F (24°C)**. If the maximum recoat times have been exceeded, the surface must be abraded by sweep blasting or sanding prior to the application of additional coats. 890 LT applied below 50°F (10°C) may temporarily soften as temperatures rise to 60°F (16°C). This is a normal condition and will not affect performance.

Packaging, Handling & Storage

Packaging	5 L and 18 L
Flash Point(Setaflash)	> 100°C
Storage Temp. & Humidity	10°-40°C
Shelf Life	24 months @ 25°C

Shelf life : (actual stated shelf life) when kept at recommended Storage conditions and in original unopened containers.