

Polyurethane Clear Gloss

5606

PRODUCT DESCRIPTION

A premium quality 2 pack polyurethane high gloss clear based on acrylic polyester and isocyanate resins. It provides excellent gloss, chemical and weather resistance to the substrate coats.

PRODUCT USE

For interior use.
Excellent resistance to atmospheric exposure.
Excellent water and chemical resistant.
Excellent color and gloss retention.
Resistant to splash and spillage of mild chemical and solvent.
Excellent non-yellowing .
Good abrasion and impact resistant.
Unsaponifiable and alkali resistant.
Easy to apply.

SUBSTRATES

Steel , metal and concrete surfaces.

CHARACTERISTICS

Color	Clear
Finish	Smooth
Gloss	High-gloss
Density gm/cc	0.98 +/- 0.02
Volume Solids %	35 %
Non-Volatile Content	N/A
Consistency	N/A
Theoretical Coverage	17.5 sq. mt./lt.at 20 micron DFT(depends upon the substrate conditions and nature of applications)
Mixing Ratio	4:1 = Base : Hardner
Drying Time (S/D)	Approx 2 hours
Drying Time (H/D)	6-8 hours
Washability	NA
Adhesion of Paint Film	Satisfactory
Flexibility of Paint Film	Satisfactory
Flash Point	28 deg. cel.
Pot Life	5-6 hours 30 deg.cel.
Overcoat Interval	16 hours.
Shelf Life	12 months from date of production.

SURFACE PREPARATION & CONDITION

Should be stable , firm, dry and free from laitance,dust and loose flaking materials,loose old paints, dirt, grease, wax and any other contaminations.

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PAINT SYSTEM ADVICES

a) For New Sustrates

New substrate must be dry , free from any loose materials, wax, grease and other contaminations. Smooth surfaces must be sanded properly before application of any pu system.

b) Old Sustrates

Old paint must be removed by physical methods. After removal of old paint , the surface should be cleaned thoroughly. Make the surface is dry before the application of pu clear coat.

APPLICATION DETAILS

Paint should be mixed thoroughly before the application. Ensure proper ventillation during application and drying. Substrate temperature should be above 4 deg.cel. The temperature of the mixed paint should be above 15 deg.cel. Too much solvent will result in lower sag resistance and slower curing. Thinner should be added after proper mixing of base and hardner. Use mask whiling application. Close the drum properly and clean the equipments once the application is over.

APPLICATION GUIDELINE & INSTRUMENT FOR USE:

a) Brush, Roller & Others

Volume of Thinner	5-10%
Recommended Thinner	P.U. Thinner

b) Air Spray

Volume of Thinner	10-15%
Recommended Thinner	P.U. Thinner

c) Airless Spray

Volume of Thinner	0-10%
Recommended Thinner	P.U. Thinner

d) Cleaning Solvent

P.U. Thinner