



Solventless Epoxy - 5731

PRODUCT DESCRIPTION

A two components solventless epoxy is based on epoxy resin and polyamide as curing agent. It also contains some inert pigments and additives.

PRODUCT USE

Good resistance to chemicals and water.
 Good cracks /holes filling nature.
 Good protection to steel, concrete and wooden surfaces.
 For good adhesion and abrasion resistance.
 Ideally suitable for interior applications.
 Easy to apply.

SUBSTRATES

Masonry and concrete surfaces.

CHARACTERISTICS

| | |
|---------------------------|--|
| Color | White or any requested colors. |
| Finish | Smooth |
| Gloss | Matt to semi-gloss |
| Density gm/cc | 1.32 +/- 0.02 (mixed paint) |
| Volume Solids % | Approx. 92.50% |
| Theoretical Coverage | 6 - 7 sq. mt. / lt at 150 micron DFT(depends upon the substrate condition & method of application) |
| Mixing Ratio | 1:1 = Base : Hardner |
| Drying Time (S/D) | Approx 5 hours |
| Drying Time (H/D) | 24 hours |
| Washability | NA |
| Adhesion of Paint Film | Satisfactory |
| Flexibility of Paint Film | Satisfactory |
| Flash Point | 28 deg. cel. |
| Pot Life | 4-5 hours at 30 deg. cel. |
| Overcoat Interval | 24 hours to 48 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 surfaces / hollow surfaces must be dry , free from any loose materials, wax, grease and other contaminations.

Smooth surfaces with fine cracks must be sanded properly before application of crack filler .

If previous coat is exposed longer it should be roughened prior to the application of crack filler.

b) Old Sustrates

Same treatment of new substrate is also applicable for the old substrate .

APPLICATION DETAILS

Both the components 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.

No thinner should be used as it is ready made product.

Needs to apply through putty knife.

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

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|---------------------|---------------|
| Volume of Thinner | Ready made |
| Recommended Thinner | Epoxy Thinner |

b) Air Spray

| | |
|---------------------|---------------|
| Volume of Thinner | Ready made |
| Recommended Thinner | Epoxy Thinner |

c) Airless Spray

| | |
|---------------------|---------------|
| Volume of Thinner | 0-5% |
| Recommended Thinner | Epoxy Thinner |

d) Cleaning Solvent

Epoxy Thinner