

Cipothane 65

Cipothane 65 is a specially formulated surface tolerant, self-priming epoxy-polyurethane coating for application over manually prepared rusted surfaces. Being an epoxy-polyurethane coating, it offers best of both the polymers. It is characterized by its ability to wet the surface and to form a coating to become part and parcel of the surface by way of encapsulation of rust.

Uses:

It is ideally suited to be a maintenance coating in chemical, fertiliser, refinery units and in marine as well as coastal installations. The product is suitable for application on both steel and concrete surfaces. It is also recommended to use on firmly adhering existing coatings as a tie coat for further application of suitable topcoats

Surface preparation:

Steel:

- Remove oil, grease and any other contaminants by using solvents.
- Make full use of mechanical tools, manual chipping or wire brushing to remove loose rust and scale to minimum of St 2 Swedish standard SIS 05 5900.
- Avoid burnishing of metal surface.

Concrete:

New:

- Concrete has to be fully cured for minimum of 28 days.
- Ensure that surface is roughened and is free from laitance and loose contaminants.

Old:

- Hose down the surface with fresh water.
- Roughen up the surface with wire brushing or other manual methods.
- Remove all loosely bound coatings or any other contaminants completely.
- Surface should be clean and dry before application

Application:

- Stir resin thoroughly and then mix two parts of resin with one part of hardener by volume.
- Mix in small portions enough to last for 90 min. or less

Typical physical properties:

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|--------------------------------|-------------------------------------|
| Type | Two pack, cold cured |
| General Composition | Epoxy- urethane |
| Finish | Matt |
| Mixing ratio(R:H) | 2:1 by volume |
| Pot life | 60 - 90 minutes @ 30° C |
| Application | Airspray / airless spray / brush |
| Recommended Wet film thickness | 110 Microns / coat |
| Volume Solids | 45% |
| Recommended DFT | 50 Microns |
| Drying time | |
| To touch | 60-90 minutes |
| To handle | 3-4 hours |
| Hard dry | 24 hours |
| Theoretical Coverage | 8-9 Sqm / lt / coat |
| Overcoat interval | Minimum 6 hrs. / Maximum 24 hours |
| Flash point | Above 20°C |
| Recommended thinner | PUT 508 |
| Shelf life | 6 months in the unopened container. |