



Solventless Epoxy Flooring- 5743

PRODUCT DESCRIPTION

A premium quality 2 pack solventless epoxy flooring based on epoxy and polyamide resins. It provides excellent abrasion resistance and chemical resistance with high build and high performance in atmospheric exposure. Ideally suitable for interior floor in harsh environments particularly useful on uneven surfaces.

PRODUCT USE

For interior use
 Good flow properties.
 Excellent abrasion resistance
 Resistant to splash and spillage of high chemicals and solvents.
 Unsaponifiable and alkali resistant.
 Can be used as primer, build-coat and finish as part of concrete flooring system.
 Easy to apply.

SUBSTRATES

Steel , metal and concrete surfaces.

CHARACTERISTICS

Color	White or any requested colors.
Finish	Smooth
Gloss	Matt to semi-gloss
Density gm/cc	1.44 +/- 0.02
Volume Solids %	Approx 82 %
Non-Volatile Content	N/A
Consistency	N/A
Theoretical Coverage	8 sq. mt. / lt at 100 micron DFT(depends upon the substrate condition & method of application)
Mixing Ratio	1.5:1 = Base : Hardner(5786)
Drying Time (S/D)	Approx 6 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	5-6 hours at 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.



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 flooring system. If previous coat is exposed longer it should be roughened prior to the application of next coat.

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 dry before the application of solventless epoxy flooring.

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 during 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	10-15%
Recommended Thinner	Epoxy Thinner

b) Air Spray

Volume of Thinner	15-20%
Recommended Thinner	Epoxy Thinner

c) Airless Spray

Volume of Thinner	0-15%
Recommended Thinner	Epoxy Thinner

d) Cleaning Solvent

Epoxy Thinner