



**SCOPE** – A three component Epoxy Resin based self leveling floor topping heavy duty and chemical Resistant. The cured mass provides a hard, tough and abrasion resistant surface with excellent adhesion to cementitious surface. The surface is readily cleaned and is hygienic.

**Uses:-** Recommended for diverse industrial & domestic application & specially used as anti corrosive, chemical resistant, hygienic & anti fungus. Having excellent mechanical, waterproofing, thermal and electrical, industrial & sanitation properties on MS and Concrete areas of fertilizer plants chemical units, refineries, petrochemical, Auto Industries, hospital, kitchens and stores.

#### PRODUCT DATA

Type : Three pack, cured with Polyamide

Contents : Epoxy resin, silica and mica, floors, pigments, additives etc.

Mixing Ratio : A-Base - 2 part  
B-Hardner - 1 part  
C-Powder - 3 part

Pot Life : 20 minuet 30°C  
Application : By spatula, steel roller, Trowel.  
Covering Rate : 6 sq. mtr./per kg/ mm.  
Drying Time :  
Temperature : 25C - 24-30 hours  
40C - 12-16 hours  
70C - 4-6 hours

Full Curing : 6-7 days.  
Colour : Gray  
Finish : Hard  
Packing : 6kg  
Thinner / Cleaneer : Thinner (ICO make)

Self Life : Company's sealed container in covered shade under normal temperature and dry condition up to twelve months.

#### MOSTLY USED IN:

Thermal Industries, Textile Industries, Effluent and sewage treatment plant, Pharma Industry, Automobile Assembly Shop, Paint Industries, Research Institute, Hospital & Sanitation, Swimming Pools, Dam & Water tank to prevent erosion of concrete, DM plant, Laboratory, Residential Kitchen, Bathroom etc

#### RESISTANCE GUIDE

##### Chemical Resistance :

EXPOSURES	SPLASH & SPILLAGE	MILD FUMES OUTDOOR RESISTANCE
Acids	Good	Good
Alkalis	Very Good	Very Good
Solvents	Very Good	Excellent
Salt	Very Good	Very Good
Water	Excellent	Excellent

#### TEMPERATURE RESISTANCE

Continuous : 90 C Intermittent : 110 C

#### WEATHERABILITY

Excellent with recommended top coat

#### PROPERTIES AFTER CURING

Tensile Strength	- kg/Cm2	- 560.
Compressive Strength	- kg/Cm2	- 1000.
Flexural Strength	- kg/Cm2	- 950.
Impact Strength	- kg/Cm2	- 52.
Dielectric Strength	- Kv/ mm	- 18.
Hardner	- Shore D	- 82
HDT	- C	- 82

#### SURFACE PREPARATION AND USE

- 1) Clean the surface for oil, laitance and loose particles. See The surface is fully dried. The surface should be clean and dry before application. Before application ensure that the new concrete is cured minimum for 90 days.
- 2) Apply clean primer ( ECP-99) on the clean surface and let it dry for 24 hours.
- 3) Stir 2 parts of A with 3 parts of C till uniform consistency is obtained than add one part of B(Hardner) to the uniform mix slowly apply within 15 minutes
- 4) Apply top coat : EPW-99 after 72 hours.

