

EPO SCREED

<Product Information>

Description:

EPO SCREED has been specifically developed as a three component 100% solids resurfacing screed for application to concrete floor surfaces Suitable for food storage and warehouses.EPO SCREED is highly resistant to low temperature(Below 0°C) after full curing.

Advantages:

- Excellent abrasion resistance
- Excellent chemical resistance (alkali, acids, ...)
- Suitable for multi-layer applications.
- Designed for application by trowel or float
- Can be used to form wall/floor covings .

Performance Data:

Color:	Some RAL
Ratio:	Mix as supplied 1.42kg/L
Drying & cure times:	20°C
Useable Life:	60 mins
Hard Dry :	8 Hours
Minimum Overcoating:	8 Hours
Maximum Overcoating:	24 Hours
Full Cure:	7 Days
Volums solids:	100 %
V.O.C :	Nil

<u>Abrasion resistance:</u>	High order of resistance to abrasion and mechanical damage:45mgm weight loss per 1000cycles,CS17 wheel 1 Kg load(ASTM D4060)
<u>Impact resistance:</u>	1.58 joules (14ins/lbs)(ASTM D2794)
<u>Compressive strenght:</u>	86 Mpa (12500 psi) (ASTM D695)
<u>Dry heat resistance:</u>	135 °C (ASTM D2485)

Direct pull adhesion: 3.5Mpa (500 psi)concrete failure
(ASTM D4541)

Scrub Resistance: > 10,000 (ASTM D2486)

Scratch Resistance: No Failure 2.5 Kg (5.5 lbs load)
(BS 3900 Part E2)

<u>Chemical Resistance</u>	Sulphuric Acid	30%	Excellent
	Sodium Hydroxide	25%	Excellent
	Engine Oil		Excellent
	Lactic Acid	25%	Good
	Ammonia Solution	25%	Good
	Citric Acid	25%	Excellent
	Petrol		Excellent
	Sugar Solution	40%	Excellent
	Hydrochloric Acid	30%	Excellent

Mixing: A three component material comprising PartA (20.5 Kg Base)
And part B(4.5 Kg Activator)components and an Aggregate
component (5 Kg)whic must be mixed together prior to use.

Application Procedures: Application should not be carried out when humidity exceeds 85 % or
when the surface to be coated is less than 3 °C above the dew point
Application is best carried out when the surface to be coated is above
10°C
The mixed product should be poured onto the primed surface and spread
with a float or trowel to the required thickness with a steel float being
used to smooth the product out.
To ensure the correct application thickness is achieved,wooden laths cut
to the thickness required for the screed should be used and the mixed
material levelled to the thickness.
All equipments must be cleaned IMMEDIATELY after use with EPO
SCREED cleaner.

Surface preparation: All surface should be clean ,dry and free from loose material.
Surfaces should have all surface laintance removed by mechanical
means,then primed by EPO SCREED .

<u>Precaution of safety:</u>	Labeling is required with accordance with the federal U.K regulation of dangerous substance.	
<u>R-phrases:</u>	20	Harmful by inhalation
	36/37/38	Irritating to eyes and respiratory systems and skin.
<u>S-phrases:</u>	7/8	Keep container tightly closed and dry
	26	In case with contacts with eyes, rinse immediately with plenty of water.
	38	In case of insufficient ventilation wear suitable respiratory equipment
	.	

The information in this data sheet is to best of our knowledge correct at the date of printing. The company reserves the right to modify data without notice. Any change in data will normally be followed by issue of a new data-sheet. The user should check the date of printing and if more than 12 months have elapsed, then the data should only be used after checking with our company to establish that they are still valid. Since condition of application and may be beyond our control, no liability can be accepted on basis of this data-sheet.