

MORSUN MODIFIED LIQUID EPOXY RESIN DS - 1257

PRODUCT CODE

MCS-RE-803

PRODUCT DESCRIPTION

Morsun's Modified Liquid Epoxy Resin RE-803 is based on Bisphenol A and diluted with reactive diluents. It is widely used in Civil Engineering application and Epoxy Solvent free / High Solids Coatings

SUGGESTED USES

This Epoxy resin can be cured with polyamines, polyamidoamines or their adducts for solvent-free coatings, self-leveling and mortar floors, concrete injections, structure adhesives, toweling compounds and impregnation systems

TECHNICAL DATA

ADVANTAGES	Due to the low viscosity and the full crystallization Resistance, Epoxy Resin RE-803 is a most suitable epoxy resin in formulating solvent free systems yielding, • Very good processing properties • Good mechanical performances • Good surface penetration • Good chemical and Solvent resistance Typical Properties
Appearance	Water White Liquid
Colour	Max 3 (On Gardener Scale)
Viscosity	400 -800 Cps @ 30 °C
Epoxide Equivalent Weight	180 to 200 on solid
Flash Point	> 140 °C
Density @ 25 °C	1.15 gm / cm ³
Suggested Curative (by wt)	50 parts Polyamide 140 with 100 parts RE-803 (CE Application)
Thin Film Set Time Hours	6 - 8 Hours (Touch Dry – 4 Hours at 25 °C) (RE-803, EEW=192 at 150μ}
Pot Life at 25 °C	45 to 60 Minutes (100 pbw RE-803 & 50 pbw Polyamide 140) Epoxy Mortar may be prepared using 100 pbw (RE-803) + 50 pbw (Polyamide 140) + 400-500 pbw Quartz sand Mix No. 10. This composition on 7 days cure at 25 °C
Should achieve following properties	Compressive Strength – 600 to 900 Kg/Sq cm Flexural Strength – 400 to 500 Kg/Sq cm Split Tensile Strength – 100 -120 Kg/Sq cm
Shelf Life	12 months in sealed container stored at room temperature
Packing	200 & 20 Kgs
Precautions	Avoid inhalation. Take necessary precautions to avoid contact with skin or eyes. Ventilate the area during application

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