ROPOXY SEALER 656

Description

two component polyamide cured epoxy sealer for laminating system and flooring self-leveling

Principal Characteristics

- Epoxy sealer for steel structures and concrete flooring.
- For atmospheric exposure .
- Easy to apply by spray, roller or brush .
- Suitable long pot life for tropical conditions
- Good adhesion properties on steel structures.
- Resistant to splash and spillage of mild chemicals and solvents.

Technical data

Color	clear
Flash point (DIN 53213)	Base 27 ºC hardener 28 ° C.
Mass density	1.01 gm / cm3 Approx.
Solid content	Approx. 40 ± 2 by volume
Theoretical spreading rate	12.0 m2/ltr for 50 ums.
Touch dry after	Approx. 3 hours
Recommended Dry film thickness	35 – 50 ums
Over coating interval	Min. 10 hours. max. no limitation.
Full cured	4 days
Shelf life (cool and dry place)	At least 12 months
Recommended substrate conditions	Concrete; dry free from any contamination steel: blast cleaned to ISO – Sa 2.5 or power tool cleaned to SPSS – ST3

Instruction for use

mixing ratio: by weight and volume : base to hardener 4 : 1

- the temperature of the mixed base and hardener should be above 15ºC

other wise extra solvent may be required to obtain application viscosity.

- too much solvent results in lower sag resistance and slower cure
- thinner should be only added after proper mixing of the base and hardener

Pot life at 20 °C : 8 hrs.

Recommended thinner : Roots thinner No. RO10455 (flash point 26 °C)

Airless spray

Volume of thinner : 0 - 5 % depending on required D.F.T.

Nozzle orifice : approx. 0.48 mm(= 0.019 inch)

Nozzle pressure : 0.5 MPa (= Approx. 150 at ; 2100 p.s.i)

Air spray

Volume of thinner : 5-10 % depending on required D.F.T.

Nozzle orifice : 1.5 – 3 mm

Nozzle pressure : 0.3 – 0.4 MPa (= Approx. 3-4 at ; 43-57 p.s.i.

Brush / Roller

Volume of thinner 0 - 5 %

Pot life 20 ºC . 8 hours

Curing @ 30° C (handle) 7 hrs.

(full cured) 3 days