



Technical Data Sheet

THERMACOOL STP

Product Description

2 Pack Premium Quality Corrosion Resistant Heat Insulating Universal Epoxy Primer

Recommended Usage

- Universal Primer fortified with special additive for all kind of substrates i.e. metal and cementitious substrate
- Surface tolerant Corrosion Resistant primer having excellent adhesion by forming a bridge between the substrate and the topcoat
- Easily applied by Brush, Roller and Airless spray as needed

Technical Data

Colour	:	Light Grey
Gloss	:	Semi Glossy
Mixing by Volume	:	Base Part A : Hardener Part B :: 4 : 1
Induction Time	:	10-15 min.
Pot Life @ 30°C	:	3 hrs min. @ 30°C and RH 65%
DFT	:	min. 100 microns (1 coat application)
Pull off Adhesion	:	7.2 Mpa
Hardness (Pencil)	:	5H min.
Coverage	:	50 sq.ft./ ltr for 1 Coat
Drying Time @ 30°C and 65% relative humidity	:	Surface Dry – 1.5 - 2hours
	:	Hard Dry – 12 hrs
	:	Complete Cure – 7 days
Over Coating Interval	:	12 hrs min.
Method of Application	:	Brush, Roller or Airless Spray as needed

* Mix Base Part A and Hardener Part B separately before mixing them in 4:1 ratio v/v



Direction for Usage

Substrate

Surface Cleaning For Metal Surfaces Coated / Uncoated as applicable

- High Pressure Water Jetting over the desired coated surface to make the surface free from any foreign matter such as weld flux, residue, slivers, oil, grease, salt etc.
- Remove mildew, oil, dust, dirt, loose rust, peeling paint or other contamination by manual/power tools to reach an acceptable surface profile of St. 3 (very thorough hand tool cleaning)
- No exterior painting should be done immediately after a rain, during foggy weather or when rain is predicted.
- Ensure that surface is dry and completely free from all dirt, dust, oil, grease or any other contamination

Mixing of Base Part A and Hardener Part B

- Mix Thermacool STP Base Part A thoroughly and ensure no settling / separation
- Mix Thermacool STP Hardener Part B thoroughly and ensure no separation
- Mix Part A : Part B in the ratio 4:1 volume / volume i.e. if 4 L Base then 1 L Hardener
- Leave aside for 10 min. Remix the Base-Hardener mixture. Thermacool STP surface tolerant primer is ready for application

Application Method

- Applied by Brush, Roller or Airless Spray as needed
- If needed, add small amount of Thermacool thinner to ease application
- Minimum 100 microns DFT in single coat application.

Package Size

- Thermacool STP Base Part A – 20 litres and 4 litres packed in sealed metal drum
- Thermacool STP Hardener Part B – 5 litre and 1 litres packed in sealed metal drum

Health Safety and Environment (HSE)

- Product to be stored in ambient well ventilated area free from spark and direct heat.
- Wear appropriate Personal Protective Equipments
- Application should be done under well ventilation conditions
- Disposal of empty paint drums to be done as per the local government regulations
- For more details refer the material safety data sheet

Disclaimer: The information provided herein is true and accurate to the best of our knowledge. Factors such as substrate condition, environmental condition, applicators, actual method used for application and similar factors affecting the performance of the product is beyond our control and hence we do not accept any responsibility or liability arising owing to improper use of this product. Any change in the product is usually followed by issuance of a new technical data sheet, the same shall be provided to the consumer of this product upon request.