

Wasser Polymer Pvt. Ltd

METOXY- 5096

Special Purpose Epoxy Finish Coat



TDS/MX5096 /020513

Technical Data Sheet

Product Description:

Two component, poly amide cured high build air drying epoxy primer coating, specially designed to withstand temperatures of up to 150° C. It has excellent non-conductive property of up to 2000 volts and has very good acid/alkali resistance.

Features :

Special purpose primer for steel exposed to elevated temperatures, giving excellent resistance to corrosion, even in marine atmosphere.

Excellent resistance to water & mild chemicals.

Technical Details :

Color	: As desired.
Gloss	: Matte
Volume Solids	: 55 % (app).
Recommended DFT / coat	: 120 - 150 μ (app)
Theoretical covering capacity	: 10 to 12 m^2/l @ 45 μ DFT
Curing time at 30°C	: Surface dry : 1 hour : Hard dry : 16 hours : Full cure : 7 days
Shelf life (cool & dry place)	: 12 months(app).
Flash point	: Base : < 28°C : Hardener : < 28°C

Surface Preparation & Substrate Condition	Surface must be free from rust, loose scale, mill scale and dry.
	Surface temperature must be at least 3°C above dew point but not above 50°C.
Mixing:	<p>Stir the base and hardener separately to get an uniform mix, then add hardener slowly to the base slowly with constant stirring for quick homogenous mixing.</p> <p>1. Mixing ratio : Base : Hardener :: 3 :1(v/v) 2. Induction time : 30 minutes 3. Pot life at 30°C : 8 hours</p>
Application:	<p>Brush</p> <p>1. Recommended thinner : Thinner No. 7 2. Volume of thinner : 0 - 10 %</p> <p>Air spray</p> <p>1. Recommended thinner : Thinner No. 7. 2. Volume of thinner : 5 - 20 % 3. Nozzle orifice : 1.5 - 3.0 mm 4. Nozzle pressure : 0.3 - 0.4 MPas</p> <p>Airless spray</p> <p>1. Recommended thinner : Thinner No.7 2. Volume of thinner : 0 - 15 % 3. Nozzle orifice : 0.41 - 0.48 mm 4. Nozzle pressure : 20 - 24 MPas</p>

Disclaimer: *The informations given in this data sheet are true to the best of our knowledge and based on our lab trials and should not be purported to be authentic, as the methods and areas of applications differ. The user should conduct his own trials and applications before using. The manufacturer is not responsible for any loss or damage arising out of the use of the product.*

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