

Wasser Polymer Pvt. Ltd

METOXY- 5040

Epoxy based Zinc Phosphate Primer



TDS/MX5040 /020513

Technical Data Sheet

Product Description:

Two pack, polyamide cured, air drying high build epoxy primer with zinc phosphate pigment.

Features :

1. Epoxy primer for ferrous and non-ferrous metals
2. Dry film thickness up to 400 microns can be achieved in one coat spray application
3. Excellent water and corrosion resistance in industrially polluted and saline atmosphere
4. Good flow and wetting characteristics
5. Can be used as system primer for tank lining
6. Can be top coated with conventional coatings

Technical

Details :

1. Color : Red oxide and Green etc.
2. Finish : Matt
3. Recommended DFT / coat : 50 - 125 μ
4. Theoretical covering capacity : 7 to 9 $\text{m}^2/\text{Ltr.}$ @ 50 μ DFT.
Curing time at 30°C : Surface dry : 30 minutes
: Hard dry : 16 hours
: Full cure : 7 days
5. Shelf life (cool & dry place) :12 months (min)
6. Flash point : Base : < 28°C
: Hardener : < 28°C

Surface Preparation & Substrate Condition	<p>Surface must be free from rust, loose scale, mill scale, best result can be attained by sand blasting to Sa 2½, or power tool cleaning at St 3.</p> <p>Surface temperature must be at least 3°C above dew point but not above 50°C</p>
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(w/w) 2. Induction time : 30 minutes 3. Pot life at 30°C : 8 hours</p>
Application:	<p>Brush</p> <p>1. Recommended thinner : Vib Thinner No. 8 2. Volume of thinner : 0 - 10 %</p> <p>Air spray</p> <p>1. Recommended thinner : Vib Thinner No. 8. 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 : Vib Thinner No. 8 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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