

Wasser Polymer Pvt. Ltd

METOXY- 5010

Epoxy Coal Tar Finish Paint



TDS/MX5010 /020513

Technical Data Sheet

Product Description:

Two component, air drying, high build epoxy coal tar finish coating confirming to IS 14948: 2001

Features :

- Good resistance to corrosion in marine exposure and subsoil conditions
- Outstanding water resistance
- Good abrasion resistance
- Good chemical resistance

Technical

Details :

- | | |
|---------------------------------------|--|
| 1. Colour | : Black/Brown. |
| 2. Gloss | : Semi glossy to Eggshell. |
| 3. Volume solids | : Approx. 55 to 60 %. |
| 4. Recommended DFT / coat | : 100 – 125 μ . |
| 5. Theoretical covering capacity DFT. | : 4 to 6 m^2/l @ 100 microns |
| 6. Drying time at 30°C | : Surface dry: 4 hours.
: Hard dry: 24 hours.

: Full cure: 7 days. |
| 7. Over coating interval at 30°C | : 24 hours (min). |
| 8. Shelf life (cool & dry place) | : 12 months (min). |
| 9. Flash point | : <28°C. |

Surface Preparation & Substrate Condition

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.
Surface temperature must be at least 3°C above dew point but not above 50°C.

Mixing:

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.

1. Mixing ratio : Base : Hardener :: 4 :1(v/v)
2. Induction time : 30 minutes
3. Pot life at 30°C : 8 hours

Application:

Application

Brush

1. Recommended thinner : WP Thinner No. 8
2. Volume of thinner : 0 - 10 %

Air spray

1. Recommended thinner : WP 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

Airless spray

1. Recommended thinner : WP Thinner No. 8
2. Volume of thinner : 0 - 15 %
3. Nozzle orifice : 0.41 - 0.48 mm
4. Nozzle pressure : 20 - 24 MPas

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.

Office:

66, Paikpara Row

Kolkata 700037

Phone: 9830105859/ 033- 2556-5629

Email: rainbowsolutions2009@gmail.com

May 2, 2013