

OMPOXY F – 161 (EPOXYCOAL TAR)**PRODUCT DESCRIPTION**

Omproxy F – 161 is a two pack Air Drying High Build Epoxy Coal Tar cured with Polyamide hardner it gives a very good Corrosion & Water resistance mainly recommended for marine exposure and pipe line which carries water.

Resistance Guide**Chemical Resistance**

Exposure	Splash and Spillages	Mild Fumes/outdoor Resistance
Acids	Good	Good
Alkalis	Good	Good
Solvents	Good	Good
Salt	Excellent	Excellent
Water	Excellent	Excellent

Temperature Resistance**Continuous: 90° C****Intermittent: 120° C****Flexibility** : Good**TYPICAL USES**

- Good Corrosion resistance
- Good abrasion resistance
- Excellent water resistance
- Good resistance to corrosion in marine exposure

TECHNICAL DATA

TYPE	Two component Epoxy Paint (Top Coat)
COMPOSITION	Epoxy Resin & Polyamide
MIXING RATIO	4 : 1 (BASE :HARDNER)
POT LIFE	6 to 8 Hours
APPLICATION	Brush / Spray / Airless spray
VOLUME SOLIDS	65% ± 3
RECOMMENDED DFT	100 to 125 µ per coat
THEORETICAL COVERAGE	5.5 to 6.5 sq. met per coat per lit
DRYING TIME	Touch.....6 Hours, Hard Dry... 24 Hours, Full Cure : 7 Days
OVER COATING INTERVAL	Minimum overnight, Maximum 4 Days
FLASH POINT	Above 22 C
SHADES	Black
PACKING	20 Lit, 4 Lit, 25 Lit, 5 Lit
THINNER/CLEANER	OME T - 101
FINISH	Semi Glossy / Matt Finish
STORAGE LIFE	Up to 12 Months stored in cool, dry condition away from Flame and Sun in original sealed container as supplied.

SURFACE PREPARATION

Remove grease, oil and other contaminants preferably by using Degreasing solvent. Blast clean to a minimum of Sa 2 1/2 Swedish Standard SIS 05 5900 with a surface profile not exceeding 65 microns.

If Blasting is not possible, make full use of enchanical devices along with manual chipping and wire brushing to remove loose rust and scale to St. 2 Swedish Standard SIS 05 5900. Excessive burnishing of steel is to be avoided. Thoroughly dust down all surfaces.

APPLICATION

Stir the base thoroughly and then mix base and hardner in given ratio by volume stir & mix both thoroughly. Add required Thinner to get required application viscosity allow the mixture to mature for 15 minutes apply uniformly over the surface and stir again before and during application. Do not allow material to remain in hoses, gun or spray equipment. Thoroughly flush all equipment with recommended thinner

Application: By Brush/By Air Spray/By Airless Spray

For Brush / Roller application, add a maximum of 10% thinner if required. Apply uniformly on the surface of the subtract. Use quality brushes for paint application.

For Air spray application:

Thinner: OME T 101

Addition: 10-15%

Nozzle Orifice: 1 .2 -1 .4 mm

Nozzle Pressure: 40-70 psi

For Airless spray application:

Thinner: OME T 101

Addition: Max 5%

Nozzle Orifice: 0.41 -0.50 mm

Nozzle Pressure: 1400-1800 psi.

HEALTH & SAFETY

All work involving the application and use of this product should be performed in compliance with all relevant National Health, Safety & Environmental standards and regulations.

Prior to use, obtain, consult and follow the Material Safety Data Sheet for this product concerning health and safety information. Read and follow all precautionary notices on the Material Safety Data Sheet and container labels. If you do not fully understand these warnings and instructions or if you can not strictly comply with them, do not use this product. Proper ventilation and protective measures must be provided during applying and drying to keep solvent vapour concentrations within safe limits and to protect against toxic or oxygen deficient hazards. Take precautions to avoid skin and eye contact (i.e wear gloves, goggles, face masks, barrier creams etc.) Actual safety measures are dependant on application methods and work environment. This is a solvent based paint and care should be taken to avoid inhalation of spray mist or vapor as well as contact between the wet paint and exposed skin or eyes.

IMPORTANT NOTES

1. Do not apply paint when temperature falls below 10°C or rises above 50°C and when Relative Humidity is above 85%, Do not apply during rain, fog, or mist.
2. Brushes and spray equipment should be cleaned with recommended thinner otherwise equipment is liable to damage.
3. Volume Solids will vary depending on shades. Products with different volume solids are also available on request.
4. DFT variation can be obtained by change in application method/thinning ratio. Contact our representative for further assistance.
5. Shelf life indicated is minimum for this Product and it is subjected to re-inspection thereafter. Individual component is required to be store in cool, dry and covered condition, away from heat and ignition.

DISCLAIMER

The information contained within this Data Sheet is based on information believed to be reliable at the time of its preparation. The company will not be liable for loss or damage howsoever caused including liability to conduct all necessary tests to confirm the suitability of any product or system for their intended use. No guarantee of results is implied since conditions of use are beyond our control.