FlexiTex Products Pty Ltd
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Maxi Metal Primer

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PRODUCT DESCRIPTION

Maxi Metal Primer is a water based zinc phosphate acrylic coating designed to give excellent corrosion resistance and adhesion on metal surfaces.

AREAS OF USE

This product is primarily designed for use on containers, structural steel and galvanised iron

FEATURES

* Excellent adhesion
* Hard, abrasion and corrosion resistant
*Water Based
*Non hazardous
*Easy to apply

RESISTANCE PROPERTIES (WHEN FULLY CURED)

Water	Excellent resistance to both fresh and salt water. Not recommended for immersion.
Solvents	Will withstand splashes of most hydrocarbon solvents, refined petroleum products and most common alcohols.
Acids, Alkalis & their Salts	Resistant to most weak inorganic acids and alkalis.
Abrasion	Excellent

TYPICAL PRODUCT DATA

Component/s	Single Pack
Volume Solids	43%
V.O.C.	45 grams per Litre
Colour/s	Black
Finish	Low Sheen

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APPLICATION DATA

Drying time @ 25°C, RH 50%. Cooler temperature, higher film thickness or high humidity conditions will require longer drying. The surface to be painted must be at least 3ºC above the dew point. Do not apply if humidity is greater than 85% or temperature is below 10ºC	
Touch Dry	15 mins
Dry to Handle	30 mins
Recoat	1 Hour
Full Cure	Overnight
Clean Up	Cold Water
WFT (µ) per coat	50 µ
DFT (µ) per coat	21.5 µ
Coverage (m^2 / litre)	20 m_2 / L at a Dry Film Thickness (DFT) of 21.5 microns (µ).
No. of coats	One to Two
Application Equipment	Brush, Roller, conventional or airless spray

SURFACE PREPARATION

- The performance of the coating depends on the quality of the surface preparation
- All grease, oil, grime, rust and other surface contaminants must be removed.
- For optimum results, blast cleaning is preferred. The minimum preparation is Power Clean AS1627 Class 2.

RECOATING OF AGED COATINGS

Old coatings should be visually inspected for soundness of condition and tested for adhesion. This is achieved by cutting an "X" in the coating using a sharp blade, ensuring that the cut extends to the original substrate. Using ball of thumb, press clear adhesive tape over the "X" and remove with a sudden pulling action. If the coating is removed on the tape, the existing coating requires removal to a sound foundation. If lifting occurs, remove the lifted coating. Prime bare substrate areas. Otherwise, sand glossy areas and aged coating with 60 – 80 grit sandpaper to create a surface that provides a good mechanical key for subsequent coats. Vacuum the dust off the surface. Apply a thin finish coat before the final coat(s).

INSTRUCTIONS FOR APPLICATION

This product is designed for use by experienced industrial applicators.
Stir thoroughly using a flat paddle in a scooping motion or a mechanical mixer. Do not paint when substrate surface is less than 3° Celsius above dewpoint, ambient temperature is below 5°C or at relative humidity above 85%.
Brush or Roller Apply even coats to the required film build.
Conventional Spray Fluid Tip 1.4-2.2mm, Pressure Pot 65 – 100Pa (10-15psi), Gun pressure 380-410kPa (55-60psi)
Airless Spray Tip 0.013 to 0.015 Thou (0.33 – 0.38mm) Pump pressure 1200 / 1500 psi depending on spray machine and operator technique.
Thinning: Not normally necessary however up to 5% by volume of water may be used if necessary in very hot conditions.

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SAFETY & PRECAUTION

For detailed safety information refer to the Material Safety Data Sheet available from **Flexitex Products Pty Ltd**.
Tel: Gary 0406 330 907 Email: info@flexitexproducts.com.au

- Non flammable
- Do not smoke
- Avoid contact with skin and eyes
- Wear overalls, goggles and impervious gloves.
- Keep container closed when not in use.
- Ensure adequate ventilation and the use of an approved spray booth
- Do not pour unused paint or thinners down drains or waterways

FIRST AID

If Swallowed:

- Do not induce vomiting
- Drink plenty of water
- Seek medical advice

If in eyes:

- Flood the eyes with water for 15 minutes
- If irritation persists seek medical advise.