



DRI-GARD MP-10

Self-Etching Polyvinyl Butyral Primer

DRI-GARD MP-10 primer for galvanized surfaces is a self-curing polyvinyl butyral based primer, incorporating zinc tetroxy chromate or iron oxide and other corrosion inhibiting pigments. It is designed for use as a pre-treatment primer for galvanized surfaces and light metals. It can also be used as a shop primer for marine and structural steelwork.

FEATURES/BENEFITS

- ✓ Excellent adhesion to zinc and light metals
- ✓ Rapid drying
- ✓ Outstanding etching effect on zinc and aluminium
- ✓ Passivates & pre-treats galvanized surfaces for subsequent paint applications
- ✓ Does not impede welding operations
- ✓ Heat resistance up to 150°C
- ✓ May be top-coated with many types of coatings (e.g. alkyds, epoxy, PU, vinyl coatings, chlorinated rubber)

APPLICATION AREAS

- ✓ Galvanized surfaces
- ✓ Light metals
- ✓ Steel surfaces
- ✓ Marine and structural steelworks



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Product Data

Appearances / Colors	Translucent with yellow-green or red tinge with low sheen gloss
Packaging	5L, 20L
Storage	12 Months from date of production
Storage Condition	Kept in cool, dry, well ventilated place and protected from extreme heat and high temperature. Containers must be kept tightly closed.

Technical Data

Origin	Polyvinyl butyral based
Finish	Low sheen gloss
Solid Content	~ 15% (by volume)
Specific gravity	~ 0.95 (mixed) @ 25°C
Viscosity	~ 50KU

Application conditions

Theoretical Coverage	15 m ² /L at 10 microns DFT
Typical Dry Film Thickness (DFT)	10-20 microns per coat
Thinner/Cleaning	EP Thinner
Drying Time (@ 25°C)	Touch Dry: 10 minutes Hard Dry: 30 minutes
Recoating interval	Minimum: 35 minutes Maximum: 1 week

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SUBSTRATE

For maximum performance, all surfaces to be over-coated must be clean, dry and free from contamination. Fresh water wash and degrease according to SSPC – SP1 solvent cleaning. For best results, blast clean to a minimum of Sa2½, near white metal. Hand and power tool cleaning to a minimum of St 2 or St 3.

APPLICATION & TOOLS

Apply by brush, roller or spray.

LIMITATIONS

- ❖ Use suitable gloves, goggles, face mask or barrier cream to avoid any skin and eye contact.
- ❖ Ensure adequate ventilation at work place.
- ❖ Wash immediately with soap and water when in contact with skin.
- ❖ Keep away from sparks and open flames at work area as the material is flammable. (Strictly no smoking)

HEALTH & SAFETY

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

LEGAL NOTE

The information, and, in particular, the recommendations relating to the application and end-use of these products, are given in good faith based on current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance to the manufacturer recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. The manufacturer reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.