



DRI-GARD MIO 60

Anti-corrosion, 2-pack epoxy coating with MIO pigment

2-pack epoxy coating fortified with micaceous iron oxide (MIO) pigment. It is most suitable for use on blast clean steel to provide good anti-corrosion properties as an intermediate coat or finish coat.

FEATURES/BENEFITS

- Excellent corrosion resistance & water resistance
- Facilitates adhesion of subsequent coats onto substrate
- Non-toxic: safer compared to chromate versions
- Resistant to most chemical environments when used with recommended top coats
- Can be used on heated surfaces up to 110°C

APPLICATION AREAS

- Bridges
- Tanks
- Underground pipelines
- Water equipment
- Harbour machinery
- Any steel structures

PRODUCT DATA

Appearances / Colours	Silver-grey
Packaging	5L set
Storage	12 months from date of production
Storage Condition	Store properly in original, unopened and undamaged sealed packaging in cool and dry conditions. Protect from direct sunlight and frost.

TECHNICAL DATA

Origin	Polyamide cured epoxy with micaceous iron oxide (MIO) pigments, non-lead pigments and inert mineral extenders
Mixing Ratio	4 parts BASE to 1 part HARDENER by volume
Solid Content	~ 60% (by volume)
Dilution Guide	20% dilution by conventional spray / 5% dilution by airless spray
Thinning / Cleaning	Dritech SO14 Solvent

APPLICATION CONDITIONS

Theoretical Consumption	8.5 m ² per L @ 70 microns DFT
Typical Dry Film Thickness	117 – 210 microns (WFT) 70 – 125 microns (DFT)
Pot Life	3 – 4 hours (depending on temperature)

SUBSTRATE PREPARATION

All surfaces must be structurally sound, clean and free from dust, dirt, oil, and any other contaminants that may affect the bonding of the product to the substrate.

For optimal performance, blast clean to SA2.5 standard to give an appropriate surface profile. Damaged areas should be prepared with abrasive blasting. When abrasive blasting is not possible, mechanical cleaning to St 3 is acceptable.

Dri-Gard MIO 60 should be applied over a recommended anti-corrosive coating scheme for metal surface.

TOOLS

Apply by brush, roller or spray.

APPLICATION

Dri-Gard MIO 60 must be painted on surface that is dry and free from all contaminants, and should be applied within the overcoating intervals specified.

Application may be done by brush and roller for stripe coating and very small areas.

For best results, use airless spray:

- Working Pressure – 140 kg/cm²
- Tip Size – 17 – 21 thou
- Tip Angle – 65°

Care must be taken to achieve specified dry film thickness.

LIMITATIONS

- Use suitable gloves, goggles, face mask or barrier cream to avoid any skin and eye contact.
- Ensure adequate ventilation at work place.
- Avoid paint application when temperature is <15°C or >45°C, and when relative humidity is >85%.

- The temperature of steel surface must be min. 3°C above the dew point of surrounding air.
- This product is intended for use of professional applicators. Refer to safety data sheet (SDS) before using the product.
- Spillage on skin should be immediately removed with suitable cleanser, soap and water.
- During application, naked flame, welding operation and smoking is not allowed.
- Eye should be well flushed with water and seek for medical attention upon contact with the product.

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.