

Protexx Mioxx Bodycoat

Purpose & Areas Of Use:

A high-build bodycoat for use in long-life metal-protective coating systems in aggressive polluted environments, particularly coastal and industrial situations. Not normally used for immersion service.

Product:

A single component high-build polyurethane coating containing micaceous iron oxide for maximum protection and service life.

Product Compatibility:

With primer:

Protexx Zincure

With topcoats:

Chevaline Colourcure

Chevaline Colourcure-2

Protexx Mioxx Topcoat

May be applied over existing micaceous iron oxide coatings (epoxy, urethane, alkyd) after a check for satisfactory adhesion. **Colours:**

Silver grey. Can be tinted where required for intercoat differentiation.

Standard Pack:

4 litre cans and 20 litre metal pails.

Physical Properties:

Liquid Material :

Solids Volume:	45%
Specific Gravity:	1.4-1.5
Flash Point:	29°C
Shelf Life:	12 months in original sealed container stored in cool dry conditions.

Applied Film:

Flexibility:	Passes 6 mm mandrel at 100 um d.f.t.
Durability:	Very good weather resistance.
Adhesion:	Excellent to correctly prepared surfaces.
Chemical Resistance:	Very good to normal pollutants.
Corrosion Resistance:	Resistance to sub-film corrosion and blistering is very good.

Surface Preparation:

Mild Steel: Should be sand-grit blasted for best adhesion. Prime with **Zincure** for maximum performance in adverse conditions.

Zinc-Coated Steel: Waterblast existing structures or degrease to ensure a clean surface.

Previously Coated Surfaces: Waterblast to clean off all detritus. Spot blast and prime all rusted areas.

Application Properties:

Apply by brush and roller as supplied.
Airless spray - 0.5-0.7 mm nozzle
175-225 kg/cm² pressure

Spreading rate:

4.5 sqm/litre to achieve a dry film thickness of 100 microns

Dry times:

Dry to touch	1-2 hours
Dry to handle	2-4 hours
Normal intercoat time	8-24 hours
Through cure	3-5 days
depends on application conditions	

Thinning/Cleanup: Colourcure Thinners. Protexx Mioxx Bodycoat cures on exposure to atmospheric moisture and cans should be cleaned immediately after use. Cans should be tightly sealed when not in use. Recirculate Xylol in spray equipment during breaks in application.

Specification Notes:

This material is always used as part of a system of:

Primer/sealer

Protexx Mioxx Bodycoat (1 or 2 coats)

Topcoat.

Specifications are prepared for individual applications taking into account surface type and condition, service conditions and colour requirements.

Health And Safety:

Protexx Mioxx Bodycoat is a solvent-based urethane coating. All normal precautions for handling solvent-borne materials must be observed including:

- Storage in cool dry conditions away from naked flames.
- No smoking in area while handling or applying **Protexx Mioxx Bodycoat**
- Use of barrier cream on exposed skin.
- Use of solvent cartridge mask and safety goggles while handling material.

Note: This material contains less than 0.2% free isocyanate monomer and presents a low health hazard, but in some countries special handling regulations may pertain.

Transport Classification:

IMCO Class:	3.3
UN Number:	UN 1263

Special packing requirements apply for airfreight.

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