

# Protexx Mioxx Topcoat

## Purpose & Areas Of Use:

A high-build lightfast and weather resistant polyurethane topcoat for use in aggressive industrial environments to give maximum protection to coated surfaces. Not normally used in constant immersion service.

## Product:

A high-build single-component aliphatic polyurethane coating containing micaeous iron oxide for maximum life and protective effect.

## Product Compatibility:

Normally used as part of primer/bodycoat/topcoat system over **Chevaline Colourcure HB Primer** or **Protexx Mioxx Bodycoat**.

## Colours:

Limited range of colours available. Colour is "greyed" because of pigmentation. Finish is low gloss. Where a full gloss finish is required **Chevaline Colourcure** should be used.

## Standard Pack:

4 litre metal cans. May be supplied in 20 litre metal pails for industrialised applications.

## Physical Properties:

### Liquid Material :

Solids Volume:	51%
Specific Gravity:	1.5-1.6
Flash Point:	32°C
Shelf Life:	12 months in original sealed container stored in cool dry conditions.

### Applied Film:

Flexibility:	Passes 6 mm mandrel at 75 um d.f.t.
Durability:	Excellent weather resistance.
Adhesion:	Excellent to recommended bodycoats.
Chemical Resistance:	Excellent to normal industrial pollutants.
Abrasion Resistance:	Very good.

## Surface Preparation:

**Protexx Mioxx Topcoat** is used only as a topcoat. When applied to any existing finish, a check should be made for adhesion after waterblasting to remove all surface pollutants.

**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.

## Application Properties:

Apply by brush and roller as supplied or thinned up to 10% with **Colourcure Thinners**.

Airless spray - 0.5-0.6 mm nozzle  
160-185 kg/cm<sup>2</sup> pressure

## Spreading rate:

6.0 sqm/litre to achieve a dry film thickness of 80 microns

## Dry times:

Dry to touch	1-1½ hours
Dry to handle	2-4 hours
Through cure	3-5 days
depends on application conditions	

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

## Specification Notes:

This material is always a single-coat topcoat application on metal or concrete protective systems comprising:

Primer/sealer  
Bodycoat (1 or 2 coats)  
**Protexx Mioxx Topcoat**

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

## Health And Safety:

**Protexx Mioxx Topcoat** 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 Topcoat**
  - Use of barrier cream on exposed skin.
- Use of solvent cartridge mask and safety goggles while handling material.

## Transport Classification:

IMCO Class: 3.3  
UN Number: UN 1263  
Special packing requirements apply for airfreight.

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