



Protexx Mioxx W.B.

Purpose & Areas Of Use:

A waterborne semi-gloss topcoat for galvanised steel surfaces such as roofing and semi-industrial cladding where ease of application must be combined with the durability of micaceous iron oxide pigmentation. **Mioxx W.B.** should not be used in heavy industrial applications where acid deposition is likely, as some discolouration could occur.

Product:

A single component waterborne acrylic coating, pigmented with micaceous iron oxide and tinting pigments.

Product Compatibility:

Normally used as a two coat topcoat system over an appropriate primer, depending on surface condition. Primers include:

Chevaprime-U - Galvanised steel in good condition or where surfaces are used for drinking water collection.

Protexx Zincure - For surfaces showing signs of red rust or commercial calcium plumbate primers conforming to P-13.

Colours:

Silver grey, charcoal grey, and deep tone oxide colours. A colour matching service for mid-tone and deep tone shades is available, subject to minimum order quantities.

Standard Pack:

20 litre plastic pails.

Physical Properties:

Liquid Material :

Solids Volume:	40%
Specific Gravity:	1.36
Flash Point:	None - waterborne material.
Shelf Life:	3 years in original sealed containers stored in cool dry conditions.

Applied Film:

Flexibility:	Passes 3 mm mandrel
Durability:	Excellent long-term service can be expected.
Chemical Resistance:	Good resistance to general atmospheric pollutants. May discolour in acidic environments.

Surface Preparation:

New Galvanised Steel: Should be thoroughly degreased with **Equus Galvoclean** and well-rinsed prior to priming with **Chevaprime-U** or Calcium plumbate primer.

Existing Galvanised Steel (unpainted): Waterblast to remove all dirt and oxide deposits, allow to dry and prime with **Zincure**, **Chevaprime-U** or Calcium plumbate primer, as circumstances dictate.

Existing Galvanised Steel (painted): Waterblast to remove all dirt and loose paint. Spot prime with **Protexx Zincure** where oxidised or rusty metal is present, or with **Chevaprime-U** where clean uncorroded galvanised steel is exposed.

Application Method:

Brush: for small areas and flashings only

Roller: use profiled roller on corrugates section galvanised roofing only.

Spray: use airless or air-assisted spray on all areas where set-up is justified. Airless spray is the preferred method, using a 0.45-0.5mm top at 130 bar pressure.

Application Properties:

Spreading rate:

Theoretical:	10 sqm/litre
Practical:	8 sqm/litre at 40µ d.f.t.

Note: spreading rate will depend on metal profile. Above rates are on a flat surface.

Recommended Film Thickness/Coat:

Wet:	100-110 microns
Dry:	40-45 microns

Dry times:

Dry to touch	2-3 hours
Dry to recoat	
Cladding	4-6 hours
Roofing	6-12 hours

Thinning/Cleanup: Water

Short-form Specification:

To (nominate areas) apply a two coat **Protexx Mioxx W.B.** system in accordance with Manufacturer's recommendations to achieve a minimum of 80 microns d.f.t. after cleaning and priming/patch priming (delete one) with (nominate primer).

Maintenance:

Protexx Mioxx W.B. may be washed down and self coated or overcoated with **Chevaline Colourglaze** at any time.

Health And Safety:

Protexx Mioxx W.B. is a waterborne material and contains no mammalian toxic substances. It is non-flammable and requires no special storage conditions other than protection from frost and extreme heat. We do recommend the use of barrier cream on hands and the use of a spray mask when handling/applying this material.

Equus Industries Ltd

PO Box 601

Blenheim

Phone: 03 578 0214 Fax 03 578 0919

Email: admin@equus.co.nz

Web: www.equus.co.nz