

Chevaline Colourcure M.I.H.B

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 micaceous iron oxide for maximum life and protective effect.

Process Compatibility:

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

Colour:

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 industrial application.

Physical Properties:

Liquid Material:

Solids (% by volume):	51%
Specific Gravity:	1.5-1.6
Flash Point:	32°C
Shelf Life:	12 months in original sealed containers when stored in cool dry conditions.

Applied Film:

Flexibility:	Passes 6 mm mandrel at 75 micron 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:

Colourcure M.I.H.B is only used as a topcoat. When applied to any existing finish, unless the finish is already **Colourcure** material, a check should be made for further adhesion after waterblasting to remove all surface pollutants.

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

Application Properties:

Brush and roller: Apply as supplied, or thinned up to 10% with **Colourcure Thinners**.

Airless Spray: 0.5-0.6 nozzle 160-185 kg/sqm pressure.

Spreading rate:

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

Dry times:

Dry to touch	1-1.5 hours
Dry to handle	2-4 hours
Through dry	3-5 days
(Depending on application conditions)	

Thinning/Clean Up:

Colourcure Thinners. Chevaline Colourcure M.I.H.B. cures on exposure to atmospheric moisture and gear 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 a single coat topcoat application on metal or concrete protective systems comprising:

- Primer/Sealer
- Bodycoat (1 or 2 coats)

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

Health And Safety:

Chevaline Colourcure M.I.H.B. 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 adjacent areas while handling or applying **Colourcure M.I.H.B.**
- Use of barrier cream on exposed skin
- Use of solvent cartridge mask and safety goggles while handling material.

Note that 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.	