

Chevaline Epistixx

Key Benefits Summary:

- Has high adhesion characteristics
- Can be used as primer or bodycoat, with wide dilution tolerance
- Can be used on contaminated surfaces e.g.. residual bitumen or old generic paint
- Wide re-coat envelope
- Can be used with cement addition for specific purposes

Limitations:

- May not cure fully in cold conditions
- Will yellow and chalk when used outside without UV resistant topcoats

Purpose & Areas Of Use:

A multi-use waterborne epoxy primer/bodycoat for use on most building surfaces. Generally used as an adhesion-promoting primer for **Traxx** flooring, or in situations where solvent release during application is not desirable. Where high-gloss and trueness of pastel colours is not important, may be used as a finish coat.

Product:

A pigmented two-component waterborne epoxy coating based on a modified epoxy resin and polyaminoamide curing agent combination.

Process Compatibility:

Exhibits excellent adhesion to most common building materials, particularly those that are mineral-based.
May be overcoated with:

Traxx Primers	Chevaline Colourcure
Traxx Colourseal	Chevaline Colourcure 2
Traxx Smooth / NS	Chevaline Coverall
Traxx SL	Chevaline Coverflexx
Chevaline Dexx	Equus/Tremco urethane membranes

Colour:

Standard colour is off-white. Mid and deep tone colours can be supplied as close matches on demand, subject to minimum order quantities. Pastel colours, when required are a near-match only.

Standard Pack:

1, 3.5 and 9 litre units. Units A and B are both packed in plastic pails.

Physical Properties:

Liquid Material:	Unit A	Unit B	Mixed
Solids Volume	99%	21%	45%
Specific Gravity	1.67	1.01	1.21
Flash Point	>100°C	—	—
Shelf Life	3 years	2 years	
Appearance	Pigmented	Clear Brown	

Applied Coating:

Wear resistance (ASTM D1043-73) <55mg/1000 cycles

Chemical Resistance:

Fresh water	Excellent
Brine and salt	Excellent
Fuels and greases	Excellent
Petrol and Hydrocarbon solvents	Excellent
Caustic soda 10%	Very good
Inorganic acids	Fair to good
Suitable for potable water applications	

Consult Manufacturer for specific advice where necessary.

Surface Preparation:

Concrete plaster: Must be free of all contamination, clean and dry to touch. Surface imperfections should be filled with epoxy mortar.

Steel: Should be clean and primed with **Protexx Zincure**.

Old painted surfaces: Should be sanded clean and with all unsound material removed. Check compatibility with a test patch.

Stone, slate and tiles: Must be free of all contamination. Glazed tiles should be sanded to 'open' the surface.

Application Mixing:

Units A and B for a batch should be thoroughly mixed by adding A to B, and drill mixing for 4-5 minutes until completely homogenous. The mixed material should be diluted with clean water, the quantity used depending on end use.

Primer: 1.3-2.5 litres water per 3.5 litre unit

Bodycoat: 0.5-1.5 litres water per 3.5 litre unit

Application:

Spreading rate: As primer - 8-12 sqm/litre depending on surface density.

As bodycoat - 5-7 sqm/litre

As topcoat - 7-10 sqm/litre

All rates are per litre as supplied.

Normal d.f.t. for a 3 coat system is 160-180µm

Pot Life: As primer (maximum dilution) 4-6 hours

As bodycoat (minimum dilution) 1.5-2 hours

Dry time: As primer 4-6 hours dry/recoat 16-24 hours

(15°C 60% RH) As bodycoat 4-8 hours dry/recoat 24-48 hours

Cure time: 7-10 days for full 3-coat system. Note that low temperatures and/or high humidities will considerably retard dry and cure times. Do not apply in temperatures below 5°C or relative humidity greater than 85%.

Thinning/Cleanup: Thin with clean tap water. Clean up gear by rinsing with water then wiping with Xylol.

Specification Notes:

1. Although **Epistix** is waterborne allow adequate ventilation, not so much for safety reasons as to ensure adequate intercoat drying occurs.
2. When used as a decorative finish externally or in areas of high UV intensity, it is recommended that **Colourcure** be used as the final topcoat to inhibit chalking and colour change.

Where used with glassfibre mat reinforcement for cracks, at least one additional bodycoat is required for bedding in the glassfibre.

Health And Safety:

Wear barrier cream when handling **Epistix** to prevent epoxy sensitisation and possible dermatitic effects. Always store above 0°C to prevent possible deterioration in the unmixed components. Do not smoke while handling the materials.

Transport Classification: Unit A - no restrictions
 Unit B - no restrictions

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