

Chevaline Epistixx Rapid Topcoat

Purpose & Areas of Use:

A glossy fast-curing water-borne epoxy finish coat for use on most stable building surfaces. It may be used as an easy to clean hygienic wall finish or as a medium duty floor finish, generally in interior situations, with some exterior applicability. It is ideal for use in situations where solvent release during application is not desirable, and speed of cure is essential.

Product:

A pigmented; two component, water-borne epoxy coating based on a modified epoxy resin and polyamine adduct curing agent combination.

Process Compatibility:

Exhibits excellent adhesion to most building materials primed with **Chevaline Epistixx Primer** (see **Chevaline Epistixx** Know How, 18 Data).

Colour:

Near match to requirement. Some mid and deep tone colours may be subject to minimum order quantities and/or colour surcharge.

Standard Pack:

1, 4, 8.5 litre batch units. Units A & B are both packed in plastic pails.

Physical Properties:

Liquid Material

	Unit A	Unit B	Mixed
Solids(Volume)	96.5%	47.5%	70.5%
Specific Gravity	1.96	1.06	1.45
Flash Point	>100°C	-	-
Shelf Life	3 years	2 years	-
Appearance	Pigmented	Cream	

Applied Coating

Wear Resistance	Excellent
Early Water Resistance	Very Good
Chemical Resistance (when fully cured)	
Fresh Water	Excellent
Brine & Salt	Excellent
Petrol & Hydrocarbon Solvents	Excellent
Caustic Soda 10%	Very Good
Inorganic Acids	Fair
Organic Acids	Not recommended

Suitable for potable water applications.

Consult manufacturer for specific advice when necessary.

Surface Preparation:

Concrete, plaster, previously painted surfaces, fibre cement board, stone, slate and tiles must be primed with **Chevaline Epistixx Primer**, (refer **Chevaline Epistixx** Know How 18 Data). The primed surface must be free of all contaminants prior to the application of the Topcoat.

Steel should be clean and primed with **Protexx Zincure**. Aluminium and galvanized steel should be degreased and primed with **Epistixx AC Primer** (181 Data).

Application Method:

Units A & B for each batch must be thoroughly mixed by adding Unit A to Unit B and drill mixing for 4-5 minutes until completely homogeneous. The mixed material should then be diluted with up to 30% by volume of clean water, mixed and allowed to stand 10 minutes before using. Use only sufficient water to achieve a satisfactory application viscosity, given conditions at the time. Application may be by brush, roller or spray (airless preferred).

Application Properties:

Spreading Rate

Walls:	9 – 12sqm/litre/coat
Floors:	8 – 9sqm/litre/coat

All rates are per litre as supplied. Normal d.f.t. for a two coat finishing system is between 120 – 170 microns.

Pot Life: 1.5 – 2hrs (note that end of potlife is indicated by a rapid viscosity increase)

Dry Time:

Touch Dry: 1 – 2 hours (15°C, 60%RH)

Dry to Recoat: 6 – 8 hours

Cure Time: 7 – 10 days for full cure. Note low temperatures and/or high humidities will considerably retard the cure time. Do not apply in temperatures below 5° C or relative humidity greater than 85%.

Thinning/Clean Up:

Thin with clean tap water. Clean up gear by rinsing immediately with water and wiping with **Xylol**.

Specification Notes:

Although **Chevaline Epistixx Rapid Topcoat** is water-borne, allow adequate ventilation, not so much for safety reasons as to ensure adequate intercoat/final drying occurs.

Although mainly designed for interior use, it may be used in exterior situations. However, as an epoxy coating, it may be subject to chalking and light colours may yellow slightly when exposed to exterior conditions, particularly ultra violet light.

**Health & Safety:**

Wear barrier cream when handling **Chevaline Epistixx Rapid Topcoat** to prevent epoxy sensitisation and possible dermatitic effects. Always store at above 0°C to prevent possible deterioration in the unmixed components. Do not smoke while handling the materials. Ensure eye protection is worn at all times while mixing and handling this material.

Transport Classification:

Unit A – no restriction

Unit B – no restriction

Unit B – no restriction

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