



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 where solvent release during application is not desirable, and speed of cure is essential.

Product:

A pigmented two component, waterborne 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**)

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 batch units. Units A and 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:	Excellent
Chemical Resistance (when fully cured):	
Fresh water	Excellent
Brine and salt	Excellent
Petrol and 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 where necessary.

Surface Preparation:

Concrete, plaster, previously painted surfaces, fibre cement board, stone, slate and tiles must be primed with **Chevaline Epistixx Primer**. 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 galvanised steel should be degreased and primed with **Epistixx AC Primer**.

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	9-12 sqm/litre/coat
Floors	8-9 sqm/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	1.5-2 hours (note that end of pot life is indicated by a rapid viscosity increase).
Dry time	(15°C, 60%RH)
Touch dry	1-2 hours
Dry to recoat	6-8 hours
Cure time	7-10 days for full cure. Note that low temperatures and/or high humidities will considerably retard 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 gear by rinsing 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/drying occurs.
- Although mainly designed for interior use, it may be used in exterior situations. However, as an epoxy coating it will be subject to chalking and light colours will yellow slightly when exposed to exterior conditions, particularly ultra violet light.

Health And Safety:

Wear barrier cream when handling **Chevaline Epistixx Rapid Topcoat** 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. Ensure eye protection is worn at all times while mixing and handling this material.

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

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