



Chevaline Epistixx CP

Areas of Use:

A semi-gloss, waterborne epoxy coating for use on concrete floor areas where down-time restrictions require early access to coated areas. Particularly suitable for underground car parks and in parking buildings.

Carbon Solvents	Excellent
Caustic Soda	Very Good
Inorganic Acids	Fair to Poor
Organic Acids	Not recommended

The product is also available in a non-slip grade applied direct from the can for use in areas exposed to intermittent water or greasy contamination. The non-slip properties can be further enhanced in high stress areas by the incorporation of a broadcast aggregate layer between coats.

Product:

A pigmented, two component waterborne epoxy based on a modified epoxy resin and third generation polyaminoamide.

Process Compatibility:

Exhibits excellent adhesion to unprimed clean concrete surfaces and other rigid surfaces primed with **Chevaline Epistixx Primer** (see **Chevaline Epistixx** Product Data Sheet 18).

Standard Pack:

11.5 litre batch units. Units A & B are both packed in recyclable plastic pails.

Colour:

Standard Concrete Grey (nr BS 5252F 00-A-05). 'Near Match' to required colours are available on request but will attract a surcharge and may be subject to minimum quantities.

Physical Properties:

Liquid Material (Concentrate):

	Unit A	Unit B	Mixed
Solids (Volume):	97%	44%	67.5%
Specific Gravity:	1.7	1.06	1.37
Flash Point:	> 100°C		
Shell Life:	3 years	2 years	
Appearance:	Pigmented		

Applied Coating:

Wear Resistance:	Excellent
Chemical Resistance:	Excellent
Fresh Water	Excellent
Brine & Salt	Excellent
Fuel & Greases	Excellent
Petrol & Hydro-	

Surface Preparation:

Chevaline Epistixx CP must be applied to a sound, dry, clean substrate in order to achieve maximum adhesion.

Chevaline Epistixx CP is a low build flooring system so any irregularities in the surface will show through and any high spots could suffer premature wear.

New Concrete:

Light captive grit blasting or diamond grinding is the preferred method of dry removal of laitance. Where this is not feasible the surface must be acid washed, followed by a neutralising solution, thorough rinsing with water and then be allowed to dry completely.

Use vacuum brush to remove dirt and other debris.,

Old Concrete:

A sound, clean, contamination-free surface is essential to achieve maximum performance. This may require preparation similar to that for new floors, of light captive grit blasting, diamond grinding, or acid washing. Diamond grinding and acid washing should only take place after any contamination such as penetrated oil and grease is first removed. Adhesion trials must be carried out to confirm the surface preparation has been adequate.

Application Method:

Units A and B for each batch must be thoroughly mixed by adding Unit A to Unit B and drill mixing for 4-5 minutes until completely homogenous. The mixed material should then be diluted with up to 30-35% 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 airless spray.

Application Method:

Application in a minimum of two coats.

Spreading Rate: 10 sqm/litre/coat as supplied,
i.e. 7 sq.m/litre/coat diluted 35% with clean water

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Normal dft for a two coat system is between 135-145 microns.

Recommended Spreading Rates:

(Airless Spray 1st Coat 9 sq.m/litre diluted 35%
Application) 2ND Coat 6 sq.m/litre diluted 35%

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 Hard 6-8 hours

Cure Time: 7-10 days for full cure
(Note: Low temperatures and/or high humidities will considerably retard the cure times. Do not apply at 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. Some hardened residues may need solvent removal.

Specification Notes:

1. Although **Chevaline Epistixx CP** is water-borne, allow adequate ventilation, not for personal safety reasons, but to ensure that adequate intercoat/final drying occurs.
2. Although designed for interior use, the product also has limited exterior application. However, as an epoxy coating, it may be subject to chalking and light colours

may yellow slightly when exposed to exterior conditions particularly UV light.

Check with your local Equus Representative.

Health and Safety:

Refer to Safety Data sheets No's 164/164B.

Minimum precautions are to wear barrier cream on hands and exposed forearms to prevent epoxy sensitisation and possible dermatitis effects, and to Ensure that eye protection is worn at all times while mixing and handling **Chevaline Epistixx CP**.

Do not smoke while handling the materials.

Always store product at above 0°C to prevent possible deterioration in the unmixed components.

Transport Classification:

Unit A - No restriction
Unit B - No restriction

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