

Chevaline Epistixx SL

Purpose & Areas of Use:

Chevaline Epistixx SL provides a seamless, dense, impervious and chemically resistant coloured floor finish which is hygienic and easy to clean.

It is ideal for a wide range of industrial environments, typically including food processing plants, laboratories, clean rooms and light industrial plants.

Product:

Chevaline Epistixx SL is a versatile, two component, solvent free and self levelling epoxy floor coating.

Process Compatibility:

This product is generally applied to well prepared concrete or cement plaster surfaces after priming.

On previously coated surfaces, compatibility and adhesion must be checked by application of a test area.

Chevaline Epistixx SL may be overcoated with a range of Equus coatings to enhance performance properties for specific situations.

Colour:

Available in a range of standard colours.

Standard Pack:

16 litre Unit = (Unit A, Unit B and Epistixx SL Filler-Unit C).

Physical Properties:

Liquid Material:	Unit A	Unit B	Unit C
Solids (% by Weight):	100	100	100
Specific Gravity:	1.7	0.98	2.5
Flash Point	>110°C	>93°C	-
Shelf Life (Months):	24	24	indefinite
	If stored in dry conditions between 5°C - 30°C in original unopened and unopened packaging.		

Applied Material:

Compressive Strength:	60MPa
Flexural Strength:	>30MPa

Chemical Resistance:

Excellent for alkalis and inorganic acids. Limited re-

sistance to chemical and hydrocarbon solvents and alcohols.

Surface Preparation :

Concrete: Mechanically scarify or captive blast the surface.

Previously Coated Surfaces: Contact nearest Equus office re correct preparation procedure.

NB Chevaline Epistixx SL is not a filler, therefore, any defects/flaws in the substrate surface will reflect through the final finish. For this reason, all surface blemishes need to be made good with epoxy filler before the **Chevaline Epistixx SL** application commences.

Priming:

Apply one (1) coat of **Chevaline Epistixx** as a primer at 8-10sqm/litre as supplied. Efficient sealing of the substrate is essential to minimise surface defects in the final finish.

Therefore, carefully inspect the primed surface and if necessary, apply a second primer coat.

Cure time between coats of 16 – 24 hours.

Application Method:

Mixing:

Add Unit A and Unit B to the mix container. Mix for one (1) minute using a slow speed mixer before slowly adding the Epistixx SL Filler and mixing for a further one (1) minute.

To ensure thorough mixing, transfer materials (scraping sides of container) to a second mix container and mix for a further two (2) minutes at 350 – 500 rpm.

Placing:

Pour the mix on to the primed surface and spread with serrated steel trowels to achieve the desired topping thickness of between 2 and 4mm.

Roll immediately in two directions with a spiked roller to achieve an even thickness and remove any entrapped air.

Application Properties:

Pot Life:	Epistixx Primer 4 hours
	Epistixx SL 35 minutes after mixing.

Spreading Rate: Epistix Primer 8 – 10sqm/litre
(as supplied)
Epistix SL 4sqm/16litre unit
for 4mm thickness.
8sqm/16litre unit for 2mm thickness.

Cure Time: Epistix Primer - Minimum 24 hours
before Epistix SL application.
Epistix SL Minimum 24 hours
for light foot traffic or overcoating.

48 hours for light vehicular traffic.

7 days for chemical resistance.

NB All cure times are based on standard conditions of 23°C and 50% Relative Humidity. Cooler conditions will retard cure times.

Clean up: Epistix Primer Clean water with
Xylo wipe if necessary.
Epistix SL Xylo.

Application Conditions: Temperature 5 - 30°C
Relative Humidity <85%

Limitations:

Chevaline Epistix SL is not a floor levelling product. As a finish it will reflect any flaws in the substrate.

Chevaline Epistix SL must not be applied to weak or friable concrete, unmodified sand/cement plaster, asphalt, vinyl tiles/sheeting, or surfaces that may be ex-

pected to move significantly, eg; steel walkways.

Chevaline Epistix SL should not be applied to floors with known "rising damp" problems. Refer to nearest Equus office.

Chevaline Epistix SL will not produce a "mirror finish" as some imperfections will always be present in the finish.

Health & Safety:

Refer to Safety Data Sheet No 423A and 423B

The minimum precautions when handling and mixing **Chevaline Epistix SL** are to wear eye protection and Barrier Cream on exposed skin areas to prevent sensitisation and possible dermatitic effects.

If working in areas of poor ventilation, suitable respiratory protection equipment must be used.

Do not smoke while handling this material.

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