

CHEVALINE EPISTIXX SPECIAL PRIMER

Waterborne epoxy primer

February 2024

PURPOSE AND AREAS OF USE:

A waterborne epoxy primer for 'difficult to adhere to' surfaces, generally as part of a Chevaline Epistixx or Colourcure Coating System.

PRODUCT:

A two-component waterborne epoxy primer based on a modified epoxy resin and polyaminoamide curing agent combination containing adhesion promoting additives.

PROCESS COMPATIBILITY:

Exhibits excellent adhesion to previously coated substrates. May be overcoated with Chevaline Epistixx products and most other coating products manufactured by Equus Industries Ltd. Consult the manufacturer for compatibility information.

COLOUR:

Standard colour is Light Green.

STANDARD PACK:

1 litre, 3.5 litre and 9 litre units.

PHYSICAL PROPERTIES (Mixed Product):

Liquid Material	Mixed	Unit A	Unit B
Solids (% by volume)	45%	99%	21%
Specific Gravity	1.21	1.67	1.01
Flash Point (°C)	-	> 100	-
Shelf Life	-	2 years	2 years
Appearance		Pigmented	Clear Brown

SURFACE PREPARATION:

All surfaces to be treated must be free of oil, grease and other contaminants. Surfaces must be sanded to remove any glass or surface oxidation. It is advisable to apply a test patch of Chevaline Epistixx Special Primer to verify adhesion.

APPLICATION MIXING:

Units A & B for a batch should 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 clean water.

Dilution quantities are: 1.00 litre water per 3.5 litre unit, 2.7 litres water per 9.0 litre unit.

Greater dilution may be required in warm application conditions, or for even application on sheet metal surfaces.

APPLICATION PROPERTIES:

Spreading rate	10 sq.ml per litre (45-55 microns d.f.t.) <u>Rate is per litre as supplied.</u>
Pot life	2-3 hours

DRY TIME(15°C, 60%RH):

Touch dry	3-6 hours
Dry to recoat	24-48 hours

Note that low temperatures and/or high humidities will considerably retard dry and cure times. Do not apply to temperatures below 5°C or relative humidity greater than 85%.

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THINNING / CLEANING UP:

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

APPLICATION NOTES:

Although Chevaline Special Primer is waterborne, allow for adequate ventilation during application and its drying/curing period. This is not so much for safety reasons as to ensure adequate inter-coat/drying occurs.

HEALTH AND SAFETY:

Wear barrier cream when handling Chevaline Epistixx Special Primer to prevent epoxy sensitisation and possible dermatitis effects. Always store at temperatures above 0°C to prevent possible deterioration in the unmixed components. Do not smoke while handling these materials.

For more information refer to Equus SDS 182.

WARNINGS AND BANS:

Is the building product/building product line subject to warning or ban under section 26 of the Building Act 2004?	No
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MANUFACTURERS CONTACT DETAILS:

Manufacture location	New Zealand
Legal and trading name of manufacturer	Equus Industries Ltd.
Manufacturer address for service	4 Sheffield Street, Blenheim 7274
Manufacturer website	www.equus.nz
Manufacturer email	info@equus.nz
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Manufacturer NZBN	9429032000306