

# CLEARCURE-2K FG TOPCOAT

Hardwearing clear chemical resistant topcoat

February 2024

## PURPOSE AND AREAS OF USE:

A hardwearing interior/exterior grade clear chemical resistant topcoat for application over mineral, aggregate and decorative floor surfaces.

## PRODUCT:

A UV stable, two-component aliphatic polyurethane overglaze.

## PROCESS COMPATIBILITY:

Generally used as clear chemical resistant finish coats for mineral aggregate broadcast floor finishes and decorative flake finish surfaces. Can be used on Matacyl BC, Colourcure-2K FG, Epistixx Rapid Topcoat, Traxx SL, and Epistixx SL.

## STANDARD PACK:

1 litre, 4 litre units available, packed in metal containers.

## PHYSICAL PROPERTIES:

Liquid Material	Mixed	Unit A	Unit B
Solids (% by weight)	57%	50%	69%
Specific Gravity	1.06	1.07	1.05
Flash Point (°C)	> 23	> 23	32
Shelf Life	-	3 years in original sealed cans when stored in cool dry conditions	2 years in original sealed cans when stored in cool dry conditions

## Applied Film

Flexibility	Passes 3 mm mandrel at 75 micron. DFT (ASTM-D522/D522m/17) at 23°C on galvanised steel substrate.
Durability	Excellent weatherability.
Abrasion Resistance	Excellent.
Chemical Resistance	Excellent resistance to pollutants, hydrocarbon, solvents, dilute alkalis and inorganic acids. Limited resistance to organic acids and oxygenated solvents.
Normal Film Thickness	50-60 microns per coat.
Fungus Resistance	Colourcure-2K FG Topcoat presents an inert surface which will not support the growth of mould or fungi.

## APPLICATION PROPERTIES:

Spreading rate	Generally 2.5-3.0 sqm/litre, as supplied but will depend on surface profile.
Pot life	Use within 30 minutes of mixing.
Thinning / Clean up	Use Colourcure AP Thinners. Clean equipment immediately after use.

## Dry time:

Touch dry	3 hours
Recoat time	4-6 hours
Full cure	5-7 days

Do not apply Clearcure-2K FG in temperatures less than 5°C or when the surface temperature is less than 3°C

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## MIXING METHOD:

Add Unit B to Unit A while mixing. Mix thoroughly for 3-5 minutes with drill and stirrer. Allow to stand for 10 minutes after mixing before applying.

## APPLICATION METHOD:

Clearcure-2K FG Topcoat can be applied by brush or roller. If required for ease of application, Clearcure-2K FG Topcoat may be diluted with up to 5% by volume of Colourcure AP Thinners prior to application.

Brush	Use a high quality, natural bristle brush.
Roller	Use lambswool with nap depending on surface profile of aggregate.

## HEALTH AND SAFETY:

Clearcure-2K FG Topcoat is a solvent based polyurethane coating. Precautions for handling solvent based materials must be observed including:

- Store in cool conditions away from naked flames.
- No smoking in area while handling or applying Clearcure-2K FG Topcoat
- Use of good quality barrier cream as minimum protection on exposed skin.
- Use of solvent cartridge respirator and safety goggles while handling material.

**Note** this material contains less than 0.2% free monomeric hexamethylene diisocyanate and presents a low isocyanate exposure health risk.

## TRANSPORT AND STORAGE:

Both A & B components are classified UN 1263 Class 3. Correct transport and storage protocols must be observed.

## 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