

# TRAXX SL

## Self leveling floor system

August 2024

### PURPOSE AND AREAS OF USE:

A chemical and wear-resistant, self-leveling floor screed for areas of hard use in industrial application. Will assist in smoothing out the uneven floor surfaces to give an even glossy finish. Can be made non-skid to varying degrees in localised areas or overall, depending on individual requirements. Can be carried in flexibility and surface hardness, depending on end use. Must be topcoated with Chevaline Colourcure for exterior use.

### PRODUCT:

A two-component pourable polyurethane self-leveling floor, applied in one or two coats over primer depending on end use. Also available in Traxx SLT (thixotropic).

### PROCESS COMPATIBILITY:

This product is generally applied to well-prepared bare concrete or plaster or timber product surfaces, using appropriate primers. On previously coated surfaces, compatibility and adhesion must be checked by application of a test area. May be overcoated with Colourcure, Clearcure or Traxx NS when so required.

### COLOUR:

Oxide colours, including red, green and brown, and mid-tone colours to special request. Not available in white or light pastels.

### STANDARD PACK:

4 litre and 9.5 litre batches (unit A packed in plastic pails, unit B packed in metal triple-tight cans).

### PHYSICAL PROPERTIES:

Liquid Material	Unit A	Unit B
Solids (% by weight)	98%	100%
Specific gravity	1.4	1.2
Flash point	>200°C	>200°C
Shelf life	3 years	2 years
Applied Material (Values represent range - depending on use)		
Surface hardness (Shore D scale)	65-80	
Elongated at break	40-8	
Tear resistance (Graves-KN/m)	33-45	
Abrasion resistance (Taber CS100, 1000/1000 in mg)	70-30	
Adhesion (pull off test - N/mm <sup>2</sup> )	25 (sand blasted steel) 10 (G.R.P.) 6 (primed concrete)	
Chemical resistance	Excellent for water, acids alkalis, will soften in aggressive chemical and hydrocarbon solvents after continuous exposure.	

### SURFACE PREPARATION:

Concrete	Shall be clean and dry. All previous coating on existing floors to be removed and all imperfections filled with Traxx Filler or epoxy mortar.
Timber	Shall be clean and dry. All fastening holes and sheet joints to be sealed with Traxx Filler.

### PRIMING:

Concrete	Double prime with either Traxx 1050/1070 or Epistixx/Traxx 1070, depending on condition of surface.
Timber	Double prime with Traxx 1050/Traxx 1070.

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### APPLICATION METHOD:

Units A and B for a batch should be thoroughly mixed by adding B to A and drill mixing for 3-4 minutes, changing pails and further mixing 3-4 minutes. Scrape out first container into second while mixing. Pour out over pre-measured area, and spread with a 'gauging' squeegee. If necessary, porcupine roll to remove air bubbles, and leave overnight to cure. Prevent draughts while cure is in progress. If top-coating is required, this should be done within 24 hours of laying, and as soon as Traxx SL can be walked on.

### APPLICATION PROPERTIES:

#### POT LIFE:

Epistixx (as primer)	4-6 hours
Traxx Primers	Use within 24 hours of opening.
Traxx SL	45 minutes after mixing.

#### SPREADING RATE:

All primers	10-13 sqm/litre depending on surface density.
Traxx SL	(at 1mm <u>minimum</u> thickness on average surface) 7.5 sqm/9.5 litre batch, 3.2 sqm/4 litre batch.

#### DRY TIMES/INTERCOAT TIMES:

Epistixx	4-6 hours dry - recoat 16-24 hours
Traxx Primers	4-6 hours dry - recoat 6-24 hours
Traxx SL	6-8 hours dry - overcoat 24 hours

#### CURE TIME:

Traxx S.L can be subjected to light traffic 24-48 hours after laying. Full hardness is reached in 4-5 days.

#### THINNING/CLEAN UP:

	Thin with	Clean up with
Epistixx	Water	Water then Xylol wipe
Traxx Primers	Xylol	Xylol
Traxx SL	-	Xylol/Colourcure thinners

#### SPECIFICATION NOTES:

- Where coving and upstands are required, use Traxx SL Thix, applied before main floor areas are laid.
- Where used externally or where UV intensity is high, overcoat with Colourcure to maintain colour fastness.
- When finishing to an edge, detail a thickened edge into a V-groove in the floor to minimise edge damage.

#### HEALTH AND SAFETY:

Wear barrier cream when handling Traxx materials. Do not smoke within 10 metres of application/handling area. Keep containers tightly closed when not in use and store in a well ventilated area. Both Unit A and B are moisture sensitive.

#### TRANSPORT CLASSIFICATION:

Unit A - No restrictions

Unit B - 6.1 UN2207 Class II

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### 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
Manufacturer phone number	03 578 0214
Manufacturer NZBN	9429032000306