

Traxx S.L

Self leveling floor system

Purpose & 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.

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 N.S** 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 tripletight 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/mm²): 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**.

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 S.L** can be walked on.

Application Properties:

Pot life:Epistixx (as primer):	4-6 hours
Traxx Primers:	Use within 24 hours of opening.
Traxx S.L:	45 minutes after mixing.

Spreading rate:

All primers: 10-13 sqm/litre depending on surface density.
Traxx S.L: (at 1mm minimum 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 S.L:	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 S.L	—	Xylol / Colourcure thinners.

Specification Notes:

- Where coving and upstands are required, use **Traxx S.L 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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