

Traxx S.L

Self leveling floor system

Purpose & Areas Of Use:

A chemical and wear-resistant, self-leveling floor coating for areas of hard use in light industrial and commercial applications. Will assist in smoothing out slightly 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 varied 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 primer 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 SL: 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 36-48 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:

1. Where coving and upstands are required, use **Traxx S.L Thix**, applied before main floor areas are laid.
2. Where used externally or where UV intensity is high, overcoat with **Colourcure** to maintain colour fastness.
3. 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