

Flowcoat / Flowshield LXP

Product sheet

Product description

Flowcoat / Flowshield LXP is a two-component, solvent-free, flexible, coloured, polyurethane-based floor coating.

Note: New pack sizes manufactured from 1st February 2011.

Uses

Flowcoat / Flowshield LXP is a self smoothing product that can be used on concrete, steel and asphalt surfaces where a flexible coating is required.

Flowcoat LXP is applied in two coats as a roller coating/paint at 0.5 kg/m² per coat
Flowshield LXP is applied in one layer as a self smoother at 2.3 kg/m²

Environment & Health

Flowcoat / Flowshield LXP is a solvent free product and practically odourless during application. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken.

For more information, please refer to the safety datasheets for the individual components.

Ratio of components

4.9 parts of Base A are mixed with 1 part of Hardener B, by weight.

3.9 parts of Base A are mixed with 1 part of Hardener B, by volume.

The product is supplied in full units as A+B. Do not split the compounds/components as this may jeopardise the end result.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air. It is advisable to pour mixed contents into a second container and re-mix to ensure the product is homogenous and no soft spot are seen in the applied coating.

Application temperature

The recommended substrate temperature is 15 - 25°C, but no less than 10°C.

The temperature of the substrate should exceed the "dew point" by 3°C during application and hardening.

Temperatures should not fall below 5°C in the 24hrs after application.

Application time/pot life

Ready-mixed product should be used within 45 minutes at a temperature of 20°C.

At higher temperatures the application time is shorter.

Finish

Gloss

Curing time (at 20°C)	Flowcoat LXP (0.7mm)	Flowshield LXP (1.5mm)
Tack free after	6 hours	6 hours
Can be walked on after	16 hours	24 hours
Full traffic after	24 hours	48 hours
Maximum overcoat time	24 hours	

The product is fully hardened after 5 - 7 days.

High humidity in the early stages of cure can result in white, matt surfaces (blooming). Do not cover or wash within the first 24 hours of curing.

Colours

See the system data sheet for Flowcoat or Flowshield LXP.

Solids content

Approx. 100 %

Density

Component A	approx. 1.55 kg/l
Component B	approx. 1.25 kg/l
A+B	approx. 1.5 kg/l

Storage

12 months in unopened pack. Storage temperature between 5°C and 40°C. Protect from weather and moisture / contaminant ingress.

Packaging

The product is delivered A+B in the following packs:-

Standard Unit	Flowcoat / Flowshield LXP Base A	SF/ Finish/ LXP/ LXP HD 4 kg Hardener
24 kg (16.0 litres)	20.0 kg	4.0 kg
Non-standard pack size - made to order	Flowcoat / Flowshield LXP Base A	SF/ Finish/ LXP/ LXP HD 2 kg Hardener
12 kg (8.0 litres)	10.0 kg	2.0 kg

CE Mark – for details see the Declaration of Performance.

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