

Flowcoat LXP HD

Product sheet

Product description

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

Uses

Flowcoat LXP HD is a self smoothing product that can be used on concrete, steel and asphalt surfaces where a flexible coating with increased abrasion resistance is required.

Elongation at break 40% (approx.).

Flowcoat LXP HD is applied in two coats as a roller coating/paint at 0.5 kg/m² per coat

Environment & Health

Flowcoat LXP HD 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

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

4 parts of Base A are mixed with 1 part of hardener B, by weight.

Add all of Hardener B to Base A. Mix with slow speed drill and helical spinner, taking care not to entrain air.

Application temperature

The recommended substrate temperature is 10 - 25°C, but no less than 5°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 20 minutes at a temperature of 20°C.

At higher temperatures the application time is shorter.

Curing time (at 20°C)

Tack free after 6 hours (10 hours at 10°C).

Can be walked on after 16 hours (30 hours at 10°C).

Maximum overcoat time 24 hours.

Full traffic after 24 hours (36 hours at 10°C).

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 LXP.

Flowcoat LXP HD is not colour fast and may change colour over time (exhibits a yellowing effect). Colour change depends on the UV light and heat levels present and hence the rate of change cannot be predicted. This is more noticeable in light colours and blues but does not compromise the product's flexibility or chemical resistance characteristics. We have endeavoured to adopt colours within the standard range which minimise this change.

Solids content

Approx. 100 %.

Finish

Gloss.

Density

Component A approx. 1.5 kg/l.

Component B approx. 1.25 kg/l.

A+B approx. 1.45 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:-

Unit		Base A	Hardener B
10 kg	(6.9 litres)	8.0 kg	2.0 kg

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