

## Flowshield LXP HD

### Product sheet

#### Product description

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

**Note:** New label name and pack sizes manufactured from 1<sup>st</sup> February 2011.

#### Uses

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

#### Environment & Health

Flowshield 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+C. Do not split the compounds/components as this may jeopardise the end result.

Add all of Hardener B to Base A and mix before adding Filler C. Ensure that all Filler C is mixed in from the sides of the container and fully dispersed throughout the mix. Mix with slow speed drill and helical spinner, taking care not to entrain air.

#### 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.

#### Curing time (at 20°C)

Tack free after 6 hours

Can be walked on after 24 hours.

Maximum overcoat time 24 hours.

Full traffic after 48 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 Flowshield LXP HD

## Solids content

Approx. 100 %

## Finish

Gloss

## Density

Component A approx. 1.6 kg/l

Component B approx. 1.3 kg/l

Component C approx. 2.65 kg/l

A+B+C approx. 1.8 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+C in the following packs.

### Pack sizes manufactured to January 31<sup>st</sup> 2011 -

Unit	Flowshield LXP HD Base A	Flowshield LXP HD Hardener B	Flowshield LXP HD Filler C
30 kg (16.7 litres)	18.3 kg	4.1 kg	7.6 kg

### Pack sizes manufactured from February 1<sup>st</sup> 2011 -

Unit	Flowshield LXP HD Base A	SF/ Finish/ LXP/ LXP HD 4 kg Hardener	Flowshield LXP HD Filler C
30 kg (16.7 litres)	18.4 kg	4.0 kg	7.6 kg

**CE Mark** - see the Declaration of Performance for details.

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2014.07, 08 UK