

Peran LXP UV

Product sheet

Product Description

Peran LXP UV is a self-levelling, pigmented two-component, UV resistant, solvent-free, flexible, polyurethane-based floor coating.

Applications

Peran LXP UV is used where a light-stable pigmented coating is desired. The material is applied at a depth of 2-3 mm and must be recoated using Flowseal PU Matt (Ultra) to provide a wearing surface.

Note: In cases where cleaning companies carry out maintenance they should to be instructed to use a floor polish with the same gloss factor as Flowseal PU Matt (Ultra).

Note: It is important that the topcoat is applied in a clean environment, door openings and ventilation grilles are covered with plastic and people carrying out the job wear protective clothing so that hairs or fibres do not contaminate the lacquer) High-quality yarn rollers with a fibre length of 10-13 mm shall be use, such as Habo's "Microroller".

Environment & Health

Peran LXP UV is solvent-free and practically odourless with applying and during curing. Follow the appropriate Occupational Health and Safety guidelines applicable to the location where the application is undertaken. For more information, refer to the safety datasheets for the various constituent components.

Ratio of Components

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

Products are supplied as A+B. Do not split the compounds/components as this may jeopardise the end result.

Stir Base A. Pour Hardener B into Base A. Carefully mix using a low-speed drill fitted with a mixer paddle for about 2 minutes. Make sure that no air is drawn in. It is recommended to pour the mixed product into another mixing vessel and continue mixing for another minute to ensure a homogeneous mixture.

Always mix the product (A+B) using a drill, not by hand.

Application Temperature

The substrate temperature may not be below 12°C and not above 30°C.

The material temperature must be between 15-25°C.

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

The temperature may not fall below 12°C during the first 24 hours following application.

In order to avoid dew expulsion the humidity must be less than 75% at 12°C and less than 85% above 23°C during application and curing.

Note: Never overturn buckets directly on the floor for emptying. Curing problems can occur as a result.

Application Time

Ready-mixed product should be used within 25 minutes at a temperature of 23°C. At higher temperatures the application time is shorter.

Hardening Time

	12°C	23°C	30°C
Light traffic after	36 hours	24 hours	16 hours
Heavy load after	72 hours	48 hours	24 hours
Fully cured	7 days	5 days	2 days

Recoating Time

	12°C	23°C	30°C
	36 hours	24 hours	16 hours
	48 hours	36 hours	24 hours

Newly-applied surfaces may not be covered or washed before the minimum times for curing as stated in the table.

High air humidity at an early stage of the curing process can cause carbonisation and matt patches.

Colours

Oyster White
Signal White
Pebble Grey
Light Grey

Solids Content %

100%

Gloss

Matt and Flowseal PU Matt (Ultra), the main coating must be sealed.

Density

Base A	approx 1.42 kg/l
Hardener B	approx 1.15 kg/l
A+B	approx 1.29 kg/l

Storage

Base A: 12 months in unopened pack.
Hardener B: 6 months in unopened pack.
Storage temperature between 15°C and 25°C.
If the product is stored below 15°C it can crystallise.
Protect against moisture and frost.

Packaging

The product is supplied A+B in the following packs:

Unit

18.0 kg (14.0 litres)

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