

Peran LR Hardener

Product sheet

Product description

Peran LR Hardener is a nonylphenol free hardener that gives improved resistance to yellowing for the Peran STB systems.

Uses

Peran LR Hardener is used with the Peran STC or Peran TCW Base A component (replaces the Peran STC/TCW Hardener B).

This product can be used throughout the Peran STB systems, but must be used within the final finish or topping layers of the Peran STB systems to achieve the improved resistance to yellowing.

There is no additional benefit when used in the primer.

Environment & Health

Peran LR Hardener is a solvent and nonylphenol free product, 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

2.3 parts of Peran STC Base A are mixed with 1 part of Peran LR hardener, by weight.

2.3 parts of Peran TCW Base A are mixed with 1 part of Peran LR hardener, by weight.

Add Peran LR Hardener to the Base A in the required weight ratios. Mix with a 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 24 hrs after application.

Application time/pot life

Ready-mixed product should be used within 15 minutes at a temperature of 18°C.

At higher temperatures the application time is shorter.

Curing time (at 20°C)

Can be overcoated after 15 hours.

Maximum overcoat time 24 hours.

Can be walked on after 15 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 16 hours of curing.

Colour

Transparent.

Solids content

Approx. 100 %

Finish

Gloss

Density

Approx. 1.01 kg/lit.

Storage

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

Packaging

The Peran LR Hardener is delivered in the following packs:

Unit

0.7 kg (0.7 litres)
3.5 kg (3.5 litres)
174 kg (172 litres)
870 kg (861 litres)

Each unit weight of the hardener is designed to be used with the following components of Peran STC / TCW:

Peran STC Base A	Peran LR Hardener	Peran TCW Base A	Peran LR Hardener
1.6 kg	0.7 kg	1.6 kg	0.7 kg
8 kg	3.5 kg	8 kg	3.5 kg
2 x 200 kg	174 kg		
2 x 1000 kg	870 kg		

Please ensure that the correct quantities of Peran STC or TCW resin are ordered with the Peran LR Hardener.

Any recommendation or suggestion relating to the use of the products made by Flowcrete UK Ltd., whether in its technical literature, or in response to a specific enquiry, or otherwise, is based upon data believed to be reliable, however the products and information are intended for use by Customers having requisite skill and know-how in the industry and therefore it is for the Customer to satisfy itself of the suitability of the products for its own particular use and it shall be deemed that the Customer has done so at its sole discretion and risk.