

Vernis Optimum / Optimum Lacquer

Description

Harmony Optimum Lacquer is a hard two-component water-based aliphatic polyurethane resin.

The product is characterised by a strong resistance to abrasion and excellent surface protection for floors, or walls (indoors) that are subjected to intensive use, or water splashes. Also good for bathrooms, shower rooms and toilets.

Characteristics

Type: Water-based aliphatic polyurethane resin

Colour: White/transparent

Finish: glossy, satin finish, matt.

Dosage: 1 kg = 6 - 7 m² in two coats.

4 kg-Set: component A = 3,1 kg, component B = 900 g.

2 kg-Set: component A = 1,55 kg, component B = 440 g.

1kg-Set: component A = 770gr, component B = 230gr

Art.-Nr. 4000 = glossy, Art.-Nr. 4100 matt, Art.-Nr. 4200 satin finish The weight may vary slightly depending on the finish chosen.

Storage: 12 months in unopened original packaging, stored in a dry and frost-free location.

Guarantee: Manufacturer's liability

Tools & Cleaning

Lacquer roller, protective gloves, paint tray, tarpaulin, weigh-scale, mixer.

Clean tools in water after use.

Preparation

Usually the substrate is prepared with Harmony pore filler.

Wait 4 hours before applying Harmony Optimum Lacquer.

Application

Application temperature: Minimum 5°C; Maximum 25°C.

Attention: if the temperature is too high, or air is humid/damp (example: new house unheated), the paint can not dry out, or change its appearance (become more shiny).

To facilitate the installation, you can add up to 10% of warm water when applying the first coat. In this case, stir the water well, otherwise there will be differences in gloss.

1st layer:

Components A and B are weighed separately.

Also, thoroughly mix component A before adding component B.

For a 4 kg set: mix 1.55 kg of component A with 450 g of component B.

For a 2 kg kit: mix 780 g of component A with 220 g of component B.

For a 1kg kit: mix 385 g of component A with 115 g of component B.

Mix A and B well with a mechanical mixer.

Apply Harmony Optimum Lacquer with a roller in cross passes.

Attention: do not apply too thick.

Lacquer is usable 45 min after mixing.

2nd layer:

Once the first coat is touch-dry apply the second coat

Drying time: depending on temperature and humidity between 5 and 10 hours.

The remaining A and B components are mixed again after homogenizing component A with a mechanical mixer.

Wait at least 12 hours after applying the second coat before proceeding.

For a silky surface, sand the paint with a 600 grit sandpaper.

Wait at least 48 to 72 hours before placing furniture on the floor.



The information included in this data sheet is derived from our knowledge and experience of products. In the light of the wide range of potential uses and forms of application, together with constraints associated with conditions of application or subjective conditions, the data contained herein are provided for information only, and have no legal value. Before any application, it should be checked that the present data sheet has not been superseded by a subsequent version. Version of 16/10/2018. www.harmony-beton.com

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