

Technical Information Sheet

Rofaplast® KB PUR Coating, interior

Art.No. 0972/0973

Solvent-based, pigmented, single component polyurethane sealant for cementitious substrates.

Property profile:

Rofaplast KB is a solvent-based polyurethane sealant for coloured coatings. It is resistant to de-icing salts, thinned acids and lyes, fuels and many solvents.

Range of use:

Rofaplast KB is to be used as a coloured sealant on porous, cementitious, solvent-resistant substrates such as concrete, screed and render on floor and wall areas in warehouses, garages, industrial operations, etc.

Colours:

grey Art. Nr. 0972
green Art. Nr. 0973

Characteristic data of the product:

Density (20°C): 1.23 g/cm³
Viscosity (20°C): approx. 450 mPas
Solid content: 56%
Drying time: 12 hours (foot traffic)
7 days (full loading capacity)
Light resistance: yellows
Abrasion resistance: 0.12 g, (according to Taber, 1000 g load, roll CS 17 at 1000 rev.)
Degree of gloss: slight gloss
Loading capacity: L-M (light to semi-heavy)

Substrates:

The substrate must be dry, clean, free of oils and fats and sufficiently load-bearing. Surface laitance and other superficial soiling must be removed. Steel ball jetting or sandblasting equipment is especially suitable for this purpose. Floor slabs are to be protected against rising damp in a suitable manner (sheeting). The substrate must be at least 28 days old.

Directions:

Rofaplast KB is applied generously with a brush or rubber wiper and worked into the substrate well. After initial hardening in approx. 3-4 hours, the second coat can be applied. The third or each following coat should be applied at the earliest after 12 hours but not later than 24 hours.

On very dense substrates, prime with Rofaplast BG which has been diluted with V 101 thinner in a ratio of 1:1.

Working temperature:

The ambient temperature and that of the substrate should not fall below 8°C. Its reaction with humidity and resulting hardening are accelerated at higher temperatures, prolonged at lower temperatures.

The formation of condensation on the surfaces to be coated which often occurs when the temperature falls below the condensation point temperature considerably reduces adhesion.

For multiple-layered construction, a subsequent coat should never be applied if the temperature of the substrate is less than or equal to the condensation point temperature. For this reason, the condensation point temperature should be at least 3°C below the temperature of the substrate to be coated. (To determine the condensation point temperature, relative humidity and the ambient temperature are measured with e.g. a thermohygrometer and determined with the aid of a condensation point table.)

If the temperature relationship is unfavourable, the use of heating equipment is required.

Tools and cleaning:

Brushes, lambskin roller, rubber wiper.

Clean tools and any splashes immediately while fresh with V 101 thinner.

After hardening, cleaning is no longer possible and the material can only be removed mechanically.

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Packaging, application rate and storing:

- Packaging:** 5 kg tin containers
- Application rate:** The amount required is dependent on the state of the substrate and for sealing is approx. 0.4-0.6 kg/m².
- Shelf-life:** Rofaplast KB is pre-packaged under nitrogen and can be stored for 6 months in original, closed containers. Opened containers must be used within a few days.

Safety, ecology, disposal:

Further information concerning safety during transport, storage and handling as well as for disposal is found in the latest Safety Data Sheet.

GISCODE: PU 50

The statements above are compiled from our field of production and according to the latest technological developments and application techniques. Since application and working are beyond our control, no liability of the producer can be derived from the contents of this information sheet.

Any statements made beyond the contents of this information must be confirmed in writing by the producer.

In all cases, our general conditions of sale are valid.

With the publication of this Technical Information Sheet all previous editions are no longer valid.