

Probitano R

Two-component polyurethane coloured coating

Description

PROBITANO R is a two-component coloured polyurethane coating with a high solid content. It provides high resistance against abrasion. It is specified for the protection and decoration of concrete surfaces.

Fields of application

- Coating for concrete substrates in car parks, warehouses, etc
- Protection of concrete or metal supports
- Treatments for gas tightness in Effluent Treatment Plants

Properties

- Impermeable to water and water vapour.
- Unalterable by gases generated by effluent treatment.
- High resistance against a wide range of chemical agents.
- High resistance against abrasion.
- Excellent adhesion to the support (concrete or metal).
- Easy to apply.
- Available in a full range of colours.

Method of use

Preparation of the substrate

The concrete substrate on which it is to be applied must be level, and free of dust, grease and any other material which prevents good adhesion. PROBITANO R is sensitive to humidity during curing, so the substrate must be dry. When applied to new concrete, this concrete must be at least 28 days old.

Application

The components A and B shall be mixed thoroughly using a low revolution electric stirrer so as not to introduce much air. Once a homogeneous mix is obtained, apply using a paintbrush or a shorthaired roller.

It is advisable to first apply a coat of a solventbased product, such as PROBITANO D-20 or SEIREPOX D-20.

If a non-slip surface is required, sprinkle the first coat with a siliceous aggregate. After 24 hours, remove the excess aggregate and apply the second coat of PROBITANO R.

Technical characteristics

Type: two-component polyurethane resin.

Colour: to be selected

Density: 1.55 kg/l

Solid content: > 95%

Pot-life at 25°C (tecama 100g): 30 mins

Substrate temperature:

minimum: +10°C

maximum: +30°C

Dry to touch (20°C): 6 hours

Light traffic (20°C): 24 hours

Total curing (20°C): 7 days

Adhesion to concrete:

> 30 kg/cm² (concrete breaks)

Mix proportions:

(in weight): Comp. A: 81,7 %

Comp. B: 18,3 %

(in volume) Comp. A: 76,9%

Comp. B: 23,1%

VOC: (Directive 2004/42/CE) < 500 g/l

Probitano R ALIFATICO

Do not apply a second layer until the previous layer is dry to the touch, waiting at least 8 hours.

Do not wait more than 24 hours.

Cleaning of tools

The tools shall be cleaned with solvent immediately after use.

Consumption

It is recommended to use between 250 and 400 g/m² of PROBITANO R per layer, depending on the porosity of the substrate.

Presentation

PROBITANO R is provided in batches (A+B) of 10 and 20 kg.

Storage conditions

PROBITANO R can be stored for a period of 6 months between 5°C and 30°C in a dry place.



Safety and Hygiene

In the event of a spillage, soak up the material with an absorbent product such as sawdust or sand. Do not pour the uncured material into drains, rivers, canals or floors. Do not bring PROBITANO R into contact with skin or eyes, and do not swallow. If the product does come into contact with the eyes, rinse them immediately and thoroughly with water, and go to see a doctor. If the product comes into contact with the skin, wash thoroughly with soap and water. If swallowed, seek medical attention immediately.

Do not induce vomiting.

Use gloves and protective glasses when handling and applying the product.

IMPORTANT NOTE: The information contained in this technical sheet is based on carefully controlled laboratory tests and in accordance with our knowledge and experience. SEIRE accepts no responsibility, directly or indirectly, resulting from incorrect use of its products. This information supersedes all previous information. **PROBITANOR0212**

SEIRE PRODUCTS, S.L. Química de la Construcción.

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