

FLAT[®]

Surface Sealant



RAMKA
CONSTRUCTION
CHEMICALS

FLAT[®] concrete surface waterproofer is a non-toxic, water-soluble, highly penetrating solution based on modified silane-siloxane and nanotechnology. It produces a strong water-repellent effect on building surfaces. By reacting and penetrating up to 1 cm into the pores of concrete, cementitious, stone, brick, and low-absorption surfaces, it creates a strong waterproof barrier and an integrated, leak-resistant membrane. It therefore protects surfaces against structural and aesthetic damage caused by moisture absorption, including efflorescence, freezing, fungal growth, and mould.

Applications

- Providing surface water repellency.
- Penetrating deeply into the substrate, including very fine pores and cracks.
- Fast and easy application.
- Odour-free application with no stated chemical side effects.
- Protection against algae, moss, and bacteria.
- Water-soluble and environmentally compatible.
- Suitable for alkaline surfaces, including concrete.
- Resistance to different weather conditions.

Guideline for Use

The substrate must be completely dry and free of grease and dust. Sand off any old paint. Apply with a spray gun or brush. The product develops its effect over 24 hours, after which the treated elements become fully water-resistant. Do not use well water or water with high hardness. Apply until the surface is saturated with the nano material. Four wet-on-wet coats are recommended. Do not apply a further nano coat over a previously treated surface after it has dried.

Dosage

Dilute the product with 20 times its volume of water having hardness below 300 ppm, or with distilled water, and apply it to the surface.

Storage

+5 to +40 °C; protect from freezing.

Packaging

1 L pail

Shelf Life

One year in the original packaging.

Health and Safety

- This material is not hazardous to human health or the environment, but it must not be swallowed or allowed to contact the eyes.
- In case of accidental contact with skin or eyes, immediately rinse the affected area with plenty of fresh water.
- If swallowed, seek medical attention immediately.
- Refer to the Material Safety Data Sheet (MSDS).
- This material is non-flammable.

Basis Of Data

Product Information

pH	13-14
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Important Notes: The information, and, in particular, the recommendations relating to the application and end-use of RAMKA products, are given in good faith based on RAMKA's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with RAMKA's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. RAMKA reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.