



Kimicover IN

ST5-0319

Single-component resin for chemical barriers on walls subject to rising damp

DESCRIPTION

Kimicover IN is a single-component, ready-to-use formulation based on synthetic resins reacting with carbon dioxide and reticulating inside masonry even if there is considerable humidity.

Kimicover IN is solvent-free, non-toxic, non-flammable, colorless and odorless. Thanks to the low viscosity and low specific weight, the product easily penetrates the masonry capillaries making the treated areas impermeable.

ADVANTAGES

- **Easy to apply:** thanks to its low viscosity and low specific weight it easily penetrates the masonry.
- **Durable:** durability proven by work dating back to the early 1980s.

USES

Kimicover IN is used to create a continuous horizontal and vertical chemical barrier, inside masonry (of any type and thickness) to block capillary rising damp. The walls to be plastered must always be further treated with dehumidifying single-product or multi-product plaster.

WORKS

- Chemical barrage against rising damp ([SA74](#))

APPLICATION

	Pourable		Complete hardening: 7 days
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Make holes with a diameter of 18-20 mm at a distance of 15 cm at a height from the ground of about 15/20 cm, for a depth equal to the thickness of the wall minus a diaphragm of 5 cm.

Fix the appropriate injectors and inject Kimicover IN.

Let the product penetrates for 24 hours, then remove the injectors and, after 7 days, close the holes. The walls to be plastered have always to be treated with **Tectoria RZ** desalinating plaster and **Tectoria DF** dehumidifying plaster

or alternatively with a single-product cycle with **Tectoria MONO** mortar up to a suitable height that will be established with one of our experts.

CONSUMPTION

About 250 g/ml per cm of thickness depending on the kind of masonry

PACKAGING

Platic tank Kg 5 – Pallet 96x5 – 480 Kg

Plastic tank Kg 25 – Pallet 24x25 – 600 Kg

STORAGE

Protect from humidity. Store the product in a dry, sheltered place. Stored in these conditions and in unopened containers, the product remains stable for 12 months.

Characteristics	Typical value
Color	None
pH UNI 8311	8,5 - 9,5
Density EN ISO 2811 - 1	1,03 ± 0,01 g/cm ³
Min. filming temperature	+5 °C
Complete hardening at 20°C	7 days
Refractive index	1,347

WARNING

Product for professional use.

Apply the product using goggles and gloves to avoid skin and eye contact.

If masonry thickness exceed 60 cm drill both sides.

The technical specifications and application methods recommended herein are based on our current knowledge and experience and do not represent any form of guarantee of the final results obtainable with the product.

It is the customer's responsibility to check that this data sheet is still effective and has not been replaced with a more recent version, and that the product is suitable for the intended

TECHNICAL SPECIFICATIONS

SK74 - Chemical barrage against rising damp

Drilling of the wall at a height of about 15/20 cm from the height of the floor (the holes will be made at a distance of 15 cm, with a diameter of 18/20 mm, for a depth of 5 cm lower than the thickness of the wall and slightly inclined downward); positioning and fixing of the proper injectors; injection of single-component formulation ready to use based on synthetic resins Kimicover IN by Kimia S.p.A. or similar product with a consumption of about 250 g/lm for each cm of thickness depending on the type of masonry. Once introduced in the special injectors, let it penetrate by gravity, then remove the injectors.

The single-component, ready-to-use formulation based on synthetic resins for chemical barriers on masonry subject to rising damp will be prepared and applied scrupulously following the indications given on the technical data sheets supplied by the manufacturer and must have the following characteristics: Density EN ISO 2811 - 1: $1.03 \pm 0.01 \text{ g/cm}^3$; Complete hardening at 20°C: 7 days.