

## RECKLI® OS HO

RECKLI OS HO

Product 07552

Edition 09/25

### Oil- and water-repellent agent

#### PROPERTIES

RECKLI OS HO is an aqueous hydrophobic and oleophobic concrete impregnation. It produces no lustrous effect or colour deepening.

RECKLI OS HO shows various advantages without changing the appearance and the characteristics of the treated surfaces. It is UV-resistant and water-vapour permeable. It protects the surfaces against watery as well as oily contamination, thus facilitating the subsequent cleaning with neutral cleaner. RECKLI OS HO reduces efflorescence, watercourses on facades, the growth of algae, moss or microorganisms and increases the stability against freeze-thaw cycles. Even the removal of graffiti is possible. In this case, the impregnation with RECKLI OS HO should be renewed after cleaning.

#### APPLICATIONS

RECKLI OS HO can be used for treating absorbent, mineral surfaces, such as concrete (washed, acid-etched, sand-blasted, bushammered, etc.), mineral plaster, clinkers, bricks, sandstone or lime sand brick.

It is particularly suitable for protecting mineral floorings, such as concrete plaster or panels, against aqueous or greasy contamination. Thus, both young and older concrete surfaces can be sustainably protected.

#### TECHNICAL DATA

| property                        | value                         | method          |
|---------------------------------|-------------------------------|-----------------|
| appearance:                     | yellowish liquid              |                 |
| odour:                          | mild                          |                 |
| density:                        | approx. 1,0 g/cm <sup>3</sup> | ISO 2811        |
| pH-value:                       | approx. 5                     |                 |
| viscosity:                      | approx. 1 mPa·s               |                 |
| penetration depth:              | 0,05 mm                       | DIN EN 14630    |
| contact angle:                  | 151°                          | DIN 55660-2     |
| resistance against liquids:     | passed                        |                 |
| water-vapour transmission rate: | 0,717 m vs. 0,705 m           | DIN EN ISO 7783 |

These data are typical guide values. They are not destined for the generation of specifications. Certificates of mechanical values are available on request.

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## SPECIAL REMARKS

RECKLI OS HO meets the requirements of the classification test according to ReGG III of the *Gütegemeinschaft Anti-Graffiti e.V.* and the test cycle 1. The three months weathered test stones show a slightly improved overall performance compared to the unweathered condition and allow a formal classification of the material in the class of permanent anti-graffiti systems (AGS 1).

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## SURFACE PREPARATION

Before treatment with RECKLI OS HO, the surface must be cleaned from dirt, efflorescence, algae, moss, oil or grease. For this, we recommend RECKLI Concrete Cleanser. After cleaning, the substrate must be completely dry.

## PROCESSING

RECKLI OS HO should be applied in dry, calm weather conditions. The recommended substrate and ambient temperature is +5 to +25 °C. During and at least 3 hours after the application, the treated surface must be protected against rain and direct sun irradiation.

RECKLI OS HO is delivered ready for use. It is to be evenly applied with a soft brush or a suitable pneumatic atomizer. However, the formation of puddles must be avoided during the entire processing. Strongly absorbent surfaces should be coated twice fresh in fresh to ensure a sufficient protection.

## CONSUMPTION

100 – 300 g/m<sup>2</sup>, depending on the surface's absorbence. The preparation of an appropriate sample area is recommended.

## CLEANING OF EQUIPMENT

For the cleaning of the tools and the equipment, use clear water before drying of the product.

## PACKAGING SIZES

drums: 180 kg | canisters: 25 kg.

## STORAGE

Store in a dry place. Protect against frost and direct sun irradiation. RECKLI OS HO is storable for 12 months after manufacture when kept in the closed original packaging at room temperature. Opened drums must be closed airtight right after use.

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## SAFETY

Protect skin and eyes from material splashes. Please also consult the relevant safety data sheet. This pamphlet is intended solely as an application directive. It does not claim to be binding and valid for all modes of application. A preliminary test under operation conditions is highly recommended.

This pamphlet replaces all previously published pamphlets concerning RECKLI OS HO, stating them as no longer being valid.

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