

RECKLI[®] Graffix Basic

RECKLI Graffix Basic

Product 04190

Edition 01/23

permanent impregnation (Anti Graffiti)

PROPERTIES

RECKLI Graffix Basic is a reliable protecting agent for concrete and other hard, absorbent mineral substrates. It generates an UV-stable, breathable, vapour permeable impregnation with anti-adhesion properties.

RECKLI Graffix Basic is an aqueous dispersion of highly effective fluorine-containing polymers, thus leaving a hydrophobic and oleophobic surface after drying. The surface's appearance and structure remain unchanged. Graffiti can easily be removed from the treated surfaces with RECKLI Graffix Basic Cleanser and a hot water pressure washer.

APPLICATIONS

RECKLI Graffix Basic is suitable for protecting concrete parts or concrete products, such as façades, buildings, bridges, halls, seatings or sculptures, against scribbles and environmental influences. It can also be used for other hard but absorbent mineral substrates, e.g. clinker or bricks.

It is not suitable for paint coats (emulsion paints), synthetic resin plaster or other non-mineral substrates. On sandstone, sand-lime brick, or similar soft, absorbent mineral substrates a permanent protection, allowing multiple cleaning cycles, cannot be achieved.

TECHNICAL DATA

property	value
workable temperature:	+5 – +25 °C
drying time (at 20 °C, normal humidity):	24 hours

These data are typical guide values. They are not destined for the generation of specifications.

SURFACE PREPARATION

Before treatment with RECKLI Graffix Basic, the relevant surface and surroundings must be inspected. The preparation of a sample area is highly recommended to determine possible optical changes of the treated surface. The surface must be water absorbent, dry and free from any kind of dirt. High air humidity, frost or direct sun irradiation must be avoided.

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Depending on the concrete grade, curing process, temperature and choice of release agent, the earliest application time is 12 hours after demoulding.

PROCESSING

RECKLI Graffix Basic is delivered ready for use and must not be diluted. It is applied best evenly with a sprayer and immediately spread with a lint-free short nap roller. For airless devices a 0,015 inch orifice size, 20° fan width, 40 bar pressure and 50 cm spray distance are recommended. Application with a short nap roller (crosswise) is also possible.

Always apply RECKLI Graffix Basic from bottom to top to prevent runners. Surplus material can be removed with a sponge or a roller. The tool must be continuously pressed out.

Ensuring optimum protection of the concrete, a second coat is applied on the still damp surface. For this, the duration can differ from 10 – 20 minutes, depending on the substrate's absorbency and the surrounding conditions.

The temperature of the surface and the surroundings should be from +5 °C to +25 °C. The treated area must be protected against driving rain.

CONSUMPTION

Approx. 100 – 200 ml/m² for the entire treatment, depending on the surface's properties.

GRAFFITI REMOVAL

For technical and psychological reasons, graffiti should always be removed from the protected surfaces as soon as possible. For this purpose, RECKLI Graffix Basic Cleanser is applied with a brush or a sprayer. After an exposure time of approx. 20 minutes to 12 hours (depending on the type of contamination, surface and temperature), the graffiti is removed with a hot water pressure washer. The recommended working direction is from bottom to top towards the already cleaned segments.

Attention!

The temperature of the water jet changes depending on the pressure and the distance between the nozzle and the object. The appropriate settings should be carefully selected. The use of a flat spray nozzle is recommended rather than a spot jet nozzle due to the risk of damaging the object.

WASTE WATER DISPOSAL

Please clarify the situation with the local administration in advance. The waste water contains a mixture of diluted and undiluted paint residues. In most cases, it

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can be discarded directly into the sewage system, if measures are taken to separate solid contents, such as a gravel bed or a settling pond.

Otherwise, the waste water has to be collected on the spot, e.g. in bulk containers (IBC's). Using appropriate separating agents, the relevant specified limits can be met. The separated paint slurry subsequently has to be disposed according to its constitution.

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PACKAGING SIZES

drums: 200 l;

canisters: 25 l | 10 l | 5 l;

bottles: 1 l.

STORAGE

Store in a closed, dry place. Protect against frost and direct sun irradiation. RECKLI Graffix Basic is storable for 6 months from delivery when kept in the closed original packaging at room temperature. Opened drums must be closed airtight right after use.

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 Graffix Basic, stating them as no longer being valid.

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