

# INCRASEAL EF10

easy-to-clean concentrate

# INCRA®

INCRASEAL EF10 is a concentrated hydroleophobic water based impregnation agent composed of fluoropolymers, siloxanes and special additives for the treatment of mineral floors, which protects against contamination by oil, grease etc.. After treatment the product is invisible and strongly oleophobic, even water repellent and very durable. INCRASEAL EF10 is the result of intensive research and development: a very special product with a unique formulation. It reacts on a nano- and microlevel with the substrate and strongly adheres to mineral surfaces. It penetrates in porous surfaces and forms a strong oleophobic and hydrophobic protection, that is weatherproof. INCRASEAL EF10 must be diluted before use.

## APPLICATION AREA

- ◆ Floors and walls, inside and outside.
- ◆ Impregnation of mineral surfaces which protects against contamination by oil or grease.
- ◆ Oleophobication of natural stone and sandstone e.g. in monuments and old buildings.
- ◆ Follow-up treatment for horizontal and vertical use.

## FEATURES & BENEFITS

- ◆ Unique formula
- ◆ Ready to use
- ◆ Waterbased and solvent free
- ◆ PFOA-free
- ◆ Safe to handle and virtually odourless
- ◆ Application at low temperatures of 5° C
- ◆ Invisible after application
- ◆ Excellent penetration into the surface
- ◆ Prevents penetration of grease, oil and water
- ◆ Surface stays vapour permeable
- ◆ Breathes, doesn't keep moisture fixed
- ◆ Indirectly increases the insulating value
- ◆ UV-resistant and doesn't yellow over time
- ◆ Reduces mildew and efflorescence
- ◆ Increases the lifespan of floors and walls

## PRODUCT DATA

base	fluoropolymers and additives
components	1
solvent	water
colour	brown-yellowish opaque
spec. weight	appr. 1,04 g/cm <sup>3</sup> at +20° C
solids	≥ 30%
pH-value	ca. 10,0 bij +20° C
viscosity	ca. 2,5 mm <sup>2</sup> /sec dynamic at +20°
flash point	non flammable
cured	after 7-14 days
condition	fluid
storage	store in closed original packaging above +5°C, protect against sun, frost and extreme temperatures
packaging	25 kg jerrycans and 200 kg drums
removal	according to local/regional/nationale regulations
shelf life	9 months after production date at +5° C to +30° C

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## PROCESSING

INCRASEAL EF10 is a ready-to-use hydrophobic water based impregnation agent composed of fluoropolymers, siloxanes and special additives for the treatment of mineral floors, which should be protected against contamination by oil, grease etc.. After treatment the product is invisible and strongly oleophobic, even water repellent and very durable.

INCRASEAL EF10 is the result of intensive research and development: a very special product with a unique formulation. It reacts on a nano- and micro level with the substrate and strongly adheres to mineral surfaces. It penetrates in porous surfaces and forms a strong oleophobic and hydrophobic protection, that is weather-proof.

Thanks to the innovative technology INCRASEAL EF10 is extremely responsive. In most cases the treated surface will be oil repellent within 1 hour of application. Most importantly the substrate will dry completely and the product can cure before the optimal effect will be reached. Once treated with INCRASEAL EF10 floors will stay cleaner and cleaning will be easier.

Floors that have had treatment in the past or if they don't absorb easily, a test should be made first to determine if the product is appropriate.

The concentrate can be diluted with water from 1:4 to 1:9. In most cases 1:9 gives an excellent result. Less dilution gives a stronger beading.

Cleaning can be done with water or any common (tenside free) cleanser. For maintenance warm water with 2-3% INCRASEAL EF10 added is advised.

## APPLICATION

All surfaces to be treated should be cleaned thoroughly with a high-pressure water cleaner. Everything which can negatively influence a good penetration, e.g. curing compound, oil, grease, wax, solvents, soap, lime run, etc. has to be removed. Preferably using a high pressure cleaner.

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The surface should be dry to assure sufficient penetration. Floors should not have been treated with any wax-containing product. The air, surface and product temperature must be  $\geq 5^{\circ}\text{C}$  and  $\leq 50^{\circ}\text{C}$ . Do not start treatment when lower or higher temperatures are to be expected within 48 hours.

Protect parts or objects, e.g. glass, window frames, plants etc. which should not be affected by the product with plastic sheets against overspray.

Close the packaging well after use.

Always apply the product on a test area to determine porosity, coverage and the most suited application method before starting general application.

1. INCRASEAL EF10 dilution should be applied liberally, using low pressure airless spray equipment (e.g. Gloria) with a 0,5-1,0 mm nozzle (output: 1-2 ltr/min.). Finally divide the product equally using a microfiber-pad-wiper.

2. Make sure the surface is saturated.

3. Remove excess product with a wiper or spread it to areas which dry or absorb faster. Never leave surplus product on the surface to prevent white residue. Remove residue immediately.

4. Wash after ca. 15 min. and at the latest before completely drying the treated surface with a microfiber-pad-wiper good and stripeless dry.

Safety Data Sheet according to REACH 1907/2006/EU and CLP 1272/2008/EU available on request.

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