

# webertec D-protect

**webertec D-protect** is an acrylic one-component water-repellent liquid foil (paste mass)

- closure of cracks in moist and wet conditions
- under ceramic tiles, in bathrooms, kitchens, covered terraces and balconies
- highly elastic and fast-acting water-repellent coating



## PRODUCT DESCRIPTION AND SCOPE OF APPLICATION

**webertec D-protect** is a ready-to-use acrylic water-repellent one-component liquid film (paste mass). The product is used for indoor and outdoor works to protect structures from the effects of water and moisture. It is suitable for all cement and concrete substrates as well as gypsum board. It is used to protect the wall and floor surfaces of bathrooms, kitchens, showers and bathtubs, covered terraces and balconies, where the intensity of water is moderate. **webertec D-protect** is flexible and ready to be applied (paste) after opening the package. The material may not be used as a finish or with structural cracks! It can be recommended for underfloor heating systems. It is not used in areas with constant water impact (swimming pools, fountains, tanks, etc.)

## SURFACE PREPARATION

The substrate on which the product is applied must be clean, firm, dry, load-bearing, free from structural cracks and detachable parts. Remains of old and elastic paints, lime, and existing adhesion-reducing substances (greases, dust, bituminous coatings, etc) must be completely removed before the application. If the substrate is exposed to moisture, it is first necessary to repair the damage causing moisture.

Concrete substrates (min. 28 days old with moisture residue  $\leq 2\%$ ), cement screeds and mortars based on cement and lime (min. 28 days old with moisture residue  $\leq 1.5\%$ ) and gypsum plasters (moisture residue  $\leq 1\%$ ) must be mechanically roughened and cleaned from dust and subsequently coated with primer. Highly absorbent and old substrates should be coated with a weberprim 813 primer 1 to 2 hours before starting works depending on the temperature. Substrates must not be wet!

## PRODUCT INFORMATION

### PACKAGING



5 kg plastic container, 360 kg per pallet

### EXPIRATION DATE

12 months stored on pallets in a dry area without direct influence of weather and humidity. Protect from frost.

### COLOR OF THE PRODUCT

**webertec D-protect** has dark grey color.



## PREPARATION AND METHOD OF USE

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1. Substrate on which **webertec D-protect** is applied must be firm, load-bearing, free of grease and dust and other impurities.
2. Before applying **webertec D-protect** acrylic liquid film, the substrate must be prepared with a primer weberprim 813, and the product mixed in a plastic container to obtain a uniform mixture.
3. **webertec D-protect** is applied undiluted with a brush or roller in 2 coats in interior spaces and up to 3 coats outside, with a total thickness of 1 to 1.5 mm. The thickness of one layer is 0.5 mm.
4. The second layer of waterproofing is applied only when the first layer is completely dry. The drying time between the layers is about 120 minutes and depends on the weather conditions during works.
5. The corners and edges must be secured with waterproofing tape and corners with **webertec 828 / webertec bond** by embedding in the first layer and coating the second layer.
6. If a self-adhesive **webertec butyl 120** waterproofing tape is used, it is applied by gluing to the dried first layer of **webertec D-protect** waterproofing,
7. The waterproofing is ready for the installation of the final layer (ceramics, stone, etc.) 3-6 hours after the application of the second layer of waterproofing **webertec D-protect**,
8. **webertec D-protect** is applied in at least 2 layers, with the second layer applied at right angle to the direction of application of the first layer of waterproofing,
9. The product is not UV stable and it is necessary to apply a protective layer after drying.

Weber recommends that smaller, test surfaces be made before works to check the consistency and quality of the product. If you notice any deviations from the quality of the test surface, please discontinue work and contact a Saint-Gobain Weber representative.

## TOOLS FOR WORK

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For mixing: electric mixer / manual

For application: brush or roller

## CONSUMPTION:

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About 1.2 kg / m<sup>2</sup> / for 2 coats depending on the application conditions and the level of substrate on which the waterproofing is applied.

## STORAGE RULES:

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**webertec D-protect** must be stored in its original, undamaged packaging, on firm and correct pallets, in a dry place, without direct exposure to snow, rain, hail and sunlight, protected from frost, indoors or outdoors. Shelf life is 12 months and is valid from the date of production, printed on the package, provided that it is stored as specified.

More detailed product information, additional documentation and safety conditions can be found on the official websites [www.rs.weber](http://www.rs.weber) and [www.ba.weber](http://www.ba.weber)

## TECHNICAL CHARACTERISTICS AND COMPOSITION:

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Composition: acrylic waterproof material made of high-quality fillers, mineral binders and suitable additives

Operation, application and drying temperature: 5-30 ° C

Open working time: approx. 60 minutes depending on weather conditions and thickness of product application

Packaging: plastic container 5 kg, 450 kg per pallet/ 10 kg, 330 kg per pallet/ 15 kg, 360 kg per pallet

Country of production: Serbia

Producer: Saint-Gobain građevinski proizvođač doo, 115d Bulevar Mihajla Pupina, 5th floor, 11070 New Belgrade, Serbia

## CLEANING

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Fresh product residues are cleaned from tools and soiled surfaces with water. The hardened product may only be mechanically removed.

## WARNINGS

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**webertec D-protect** waterproofing should not be used in the following situations:

- on wooden, metal and rusty surfaces
- for layers over 2 mm thick
- for old ceramic tiles and insufficiently bearing substrates
- at temperatures below + 5°C and above + 35°C
- for substrates containing impurities and moisture

It is forbidden to add water and other liquid substances to the product!

When applied, the entire surface must be covered in uniform thickness.

It is necessary to protect the applied material for at least 24-48 hours from the direct influence of water.

The product is not UV stable and cannot be used as a finish.

**webertec D-protect** leaks water vapour and does not form a vapour dam in structures.

It is possible to use waterproofing in underfloor heating systems only after the material is completely dry.

Ceramic tiles and mosaics can be laid over the dried layer of **webertec D-protect** waterproofing, and it is recommended to use at least C2 ceramic adhesive from the Weber range (**standard EN 12004**).

## VALUES

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All technical information stated in the Technical Data Sheet is based on laboratory tests. Real values may vary under effects beyond our control.

## ECOLOGY

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Do not throw away unusable products and empty packaging into the environment. See the Product Safety Data Sheet for more information.

## DISPOSAL METHOD

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Dispose of contents / packaging in accordance with local regulations.