

# webertec D-protect

SINGLE COMPONENT,  
FLEXIBLE,  
WATERPROOFING  
COATING, READY  
FOR USE

webertec D-protect is a single component, hydro waterproofing, with acrylic base.

Product benefits:

- Elastic watertight coating
- Ready for use
- Bridges cracks

Product classification:

DM (EN 14891:2012)

## *Area of application*

Ready for use. Used in protection of constructed buildings from water and moisture impact, for inside and outside positions, for all surfaces based on cement as well as plaster cardboard panels. Recommended positions for installation are bathrooms, kitchens, covered terraces and balconies. Suitable for use in floor heating systems. Do not use on positions with constant impact of water (pools, tanks, etc.)



### Base preparation

The base on which the product is applied on must be clean, solid, dry, bearing and without parts falling off. All materials that reduce adhesion (paint residue, plaster, grease, dust, etc.) should be fully removed. Surface tensile strength of the surface measured by "pull off" test must be  $> 1,0 \text{ N/mm}^2$ .

Concrete surfaces, cement screeds and plasters based on cement and lime must be mechanically roughened and clean from dust. Optionally, in order to improve the quality of the surface, absorbent and old surfaces should be covered with primer weberprim 813 in scale 1:3, and non- absorbent surfaces with primer weberprim 813, two hours prior to the start of work (temperature  $20^{\circ}\text{C}$ , relative humidity up to 65%).

### Product use and installation

1. Prior to application of waterproofing, it is necessary to protect all corners and penetrations additionally with waterproofing tapes, corners and collars (webertec max tape 120/webertec tape/webertec butyl tape 120/webertec inside corner/webertec outside corner/webertec collar/webertec multi-size collar) in a manner described in technical data sheets for these products.
2. Mix the product to achieve a homogenous mass.
3. webertec D-protect is applied using a brush or a roll in minimum two layers. Thickness of one layer is 0.5 mm. Each subsequent layer will be applied in a perpendicular position.
4. Period of drying between layers will be approximately 120 minutes.\*
5. Three to six hours after the application of the last layer of waterproofing may be continued with setting of ceramics using an adhesive with minimum categorization C2 (standard EN 12004).\*

6. It is important to secure controlled drying, without draft, direct exposure to Sun and sources of heat.

\* All stated parameters refer to standard weather conditions: temperature  $20^{\circ}\text{C}$ , relative humidity up to 65%. If the weather conditions are not in line with standard, it is necessary to adjust the work process to the given circumstances and expect the product will bond quicker in warmer weather, that is, slower in the cold, making sure the temperature of the surface and air is not under  $5^{\circ}\text{C}$  and above  $30^{\circ}\text{C}$ .

The manufacturer recommends application on small, test surfaces to make sure the product/surfaces are properly prepared and whether appropriate conditions for use and installation have been provided. If not, please stop the work and contact the Saint-Gobain građevinski proizvođači d.o.o Beograd representative. The company shall not be responsible for incorrect execution of works with the stated material as well as use of material for the purpose not stated in product description. Complaints submitted after the completion of execution of works shall not be accepted.

### Tools

For mixing: electric mixer or manually.  
For application: brush, roll or trowel.

### Product consumption

Approximately  $0,6 \text{ kg/m}^2$  per layer depending on type and features of the surface.

### Keeping, storage and transport

Product must be stored in original, undamaged packaging, in dry and closed space, protected from elements.

The product is not hazardous for transport in the sense of all national and international transport regulations. During transport, the product must be protected from the elements. Transport and store the product at temperature from +5°C to +30°C.

### Product safety

Product not classified as hazardous. Contains reaction mixture 5-chlorine-2-methyl-4-isothiazoline-3-on and 2-methyl-2H-isothiazole-3-on (3:1). May cause allergic reactions.

### Technical characteristics of the product

Product color: gray.

Pot life: approximately 60 minutes depending on weather conditions and thickness of the layer.

Packaging: plastic bucket 5 kg, 360 kg on the pallet, plastic bucket 20 kg, 480 kg on the pallet.

Expiration date: 12 months from the production date pressed on the packaging.

Detailed information on product, additional documentation and safety data sheet are available on the official webpage [www.rs.weber](http://www.rs.weber).

### Cleaning

Residue of fresh product can be cleaned from the tools and surfaces with water. Dry product can be removed mechanically.

### Product limitations

webertec D-protect cannot be used in the following situations:

- With wooden and metal surfaces
- For execution of layers with thickness higher than 2 mm.
- With insufficiently supported surfaces.
- At temperatures lower than +5°C and higher than +30°C.
- With surfaces containing impurities and water

The product is not UV stable and it should not be used as a finishing layer. In case you are planning, over the waterproofing layer, the setting of ceramic tiles, it is recommended to use an adhesion of minimum categorization C2 (standard EN 12004).

OSOBI NA	VREDNOST	METODA ISPITIVANJA
Adhesion to concrete surface, MPa - Dry procedure	$\geq 0,5$	EN 14891:2012, A.6.2
Adhesion to concrete surface, MPa - After curing in water	$\geq 0,5$	EN 14891:2012, A.6.3 ili A.6.4
Adhesion to concrete surface, MPa - After curing on increased temperature	$\geq 0,5$	EN 14891:2012, A.6.5
Adhesion to concrete surface, MPa - After cycle of freezing - de-freezing	$\geq 0,5$	EN 14891:2012, A.6.6
Adhesion to concrete surface, MPa - After contact with lime water	$\geq 0,5$	EN 14891:2012, A.6.9
Bridging cracks under normal conditions, mm	$\geq 0,75$	EN 14891:2012, A.8.2
Water-tightness at 1.5 bar, 7 days	Watertight and $\leq 20$ g per test sample of increased weight	EN 14891:2012, A.7

#### Environment

Unused product and empty packaging may not be disposed outside of waste management locations.

#### Disposal method

Disposal of content and packaging in line with local regulations. Dispose the packaging and unused material separately. Do not allow penetration into the sewerage system. Do not dispose together with municipal waste.

#### Country of origin and product manufacturer

Country of origin: Republic of Serbia.

Manufacturer: Saint-Gobain građevinski proizvodi d.o.o. Beograd, 115d Bulevar Mihajla Pupina Street, 5th floor, 11070 Novi Beograd, Republic of Serbia. Contact telephone: 011/3149681.



Technical information stated herein as well as recommendations are based on our knowledge and experience in cases when the product is properly stored, used, transported and when handled in regular conditions. The buyer, or the user of the product is advised to test the product, if it is suitable for use for intended purpose. Considering the fact, we do not have influence on the circumstances of product use and handling, we shall not be liable for consequences occurring from irregular use. The buyer, or the user of the product shall be liable in case the product is kept, transported, installed and used contrary to instructions, purpose and properties and information on product safety, as well as after stated expiration date for product use. Our team of experienced experts provides advice in phases of planning and application of our products. Visit to the construction site and demonstration of application of our products may be organized at request. Contact our technical team and find out more on our products on the website [www.saint-gobain.rs](http://www.saint-gobain.rs).