

# webercol flex plus

EXTREMELY FLEXIBLE  
ADHESIVE FOR GLUING  
TILES OF LARGER  
DIMENSIONS

## *Area of application*

It is intended for gluing all types and formats of tiles and natural stone on absorbent and non-absorbent surfaces. It is recommended in indoor and outdoor conditions for surfaces with increased requirements such as swimming pools, surfaces above heated spaces, floor heating, mega tile formats, intense shades of tiles exposed to the sun, gluing tiles or stone to facade surfaces, etc.

webercol flex plus is a gray thin-layer adhesive with exceptional flexibility for all types of tiles and natural stone. It is made of cement, selected fillers, additives and enriched with polymers.

Product benefits:

- Exceptional flexibility and adhesive strength
- No tile format restrictions
- Indoor and outdoor use
- For positions with increased requirements
- For all types of tiles and stone

Product classification:

C2TE S2 (EN 12004:2007+A1:2012)



## Surface preparation

The base whereon webercol flex plus is applied must be flat, clean, solid, dry, supported, unfrozen and without parts falling off. Residue of old paint, lime and other substances that reduce adhesion (oil, grease, dust, bituminous coatings, etc.) must first be completely removed and, if necessary, repaired with the appropriate material. After repair and drying, it is mandatory to apply a primer in order to even out the absorbency and improve the bearing capacity of the surface. In case the surfaces deviate from the horizontal/vertical plane by more than 10mm, it is necessary to bring them to the appropriate plane with an adequate material before gluing the tiles.

Concrete substrates, cement screeds and cement- and lime-based mortars must be old min.28 days with residual moisture  $\leq 1.5\%$ . Gypsum mortars must be completely dry, unsmoothed and primed. Treat concrete, aerated concrete, gypsum-cardboard boards, gypsum-fiber boards, cement screeds, self-leveling compounds, plasters based on gypsum, lime and cement, ceramic tiles and terrazzo with primer weberprim 813 according to the instructions in the primer's technical sheet.

If waterproofing is installed under the tiles, webercol flex is compatible with products from the following categories:

- webetec: D-protect, D-max 2K, D-flex, superflex D2.
- weberdry: PUR Seal (with a sprinkling of quartz sand in the final layer).

## Use and product installation

1. Gradually pour 25 kg (5) of dry powder into 6.25 (1.25) l of pure water with constant stirring with an electric mixer until the compound is completely homogenized. After stirring, leave the webercol flex plus stand for 5-10 minutes and then stir once again, whereafter the material is ready for use.

2. Apply the prepared adhesive with a notched steel trowel to the pre-prepared surface and tile. The thickness of the coating depends on the flatness of the surface and the format of the tiles, and the maximum thickness of the adhesive after gluing the tiles may be 10 mm.
3. It is intended for gluing all types of ceramic tiles (ceramic, clinker, gres, granite, mosaic, stone) without format restrictions. When gluing, achieve a contact surface of the adhesive and the surface as well as the adhesive and the tile of at least 95%, in order to achieve a permanent bond between the surface and the tile/stone.
4. The time period from applying the adhesive to the surface and tile to installing the tile must not exceed 30 minutes in optimum conditions. If the tile is not glued within the specified interval, and a surface crust is formed, remove the adhesive and replace it with fresh.
5. The mixed material should be used within 120 minutes, in case of crust formation on the surface of the material in the bucket, stir it again. The tiles are impassable for at least 24 hours after they are replaced, in order to achieve good adhesion.
6. After gluing the tiles, perform grouting at the earliest after 24 hours for wall surfaces and 36 hours for floor surfaces, using the flexible polymer-cement joint compound webercolor comfort or webercolor premium. For surfaces with increased requirements, use the epoxy grout weberpox easy. Full static loading is possible after 7 days, and dynamic loading after 28 days.

\*All stated parameters refer to standard weather conditions: temperature 20°C, relative humidity up to 65%.

7. During installation and drying of the adhesive the temperature of the surface and air must be between 5°C and 30°C. If the weather conditions are not in accordance with the prescribed, it is necessary to suspend the work procedure and wait for the

appropriate conditions to be obtained. After installation, protect the adhesive from adverse weather conditions for at least 48 hours.

The drying of the adhesive may take longer or shorter, depending on the temperature, humidity, thickness of the layer. etc.

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 shall not be accepted.

### Tools

For mixing: electric mixer or manually.  
For application: steel jagged trowel.

### Product consumption

About 2-5 kg/m<sup>2</sup> depending on the width of the teeth on the trowel, the conditions whereunder the gluing is carried out, the size of the tiles and the characteristics of the surface where the tiles are glued.

### Keeping, storage and transport

Product webercol flex plus must be stored in original, undamaged packaging, on solid and functional pallets, in dry space, without direct exposure to snow, rain, hail and sun, protected from frost, in closed or covered space.

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

Hazardous compound ingredients: Portland cement, gray, 20-50%.



**Danger**

Causes skin irritation. May cause an allergic skin reaction. Causes serious eye damage. May cause respiratory irritation. Wear protective gloves, protective clothing and eye protection. IF ON SKIN: Wash with plenty of water. IF INHALED: Remove person to fresh air and keep comfortable for breathing. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center or a doctor. Dispose of contents and container in accordance with RS regulation. Content of soluble chrome Cr (VI) in the product is less than 0.0002% calculated at total dry weight of the cement.

### Technical characteristics of the product

Product color: webercol flex plus is a gray adhesive.

Open work time: about 30 minutes, depending on the weather conditions, the thickness of the adhesive layer and the surface level.

Packaging: 25 kg sodium sack, 1200 kg on a pallet; 5 kg sodium sack, 1000 kg on a pallet.

Expiration date: 12 months from the manufacturing date printed on the sack, stored on pallets in a dry area without direct exposure to weather conditions and moisture. Protect from freezing.

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. Hardened product must be removed only mechanically.

### Product limitations

webercol flex plus ceramic adhesive must not be used in the following situations:

- With wooden and metal surfaces.
- For execution of layers with thickness of over 10 mm.
- With insufficiently supported surfaces
- At temperatures during execution lower than +5°C and higher than +30°C.
- With surfaces containing impurities and moisture.

### Environment

Unused product and empty packaging may not be disposed outside of waste management locations. See safety data sheet of the product for more information.

### 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: 011 314 96 81.



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Ovde navedene tehničke informacije i preporuke zasnovane su na našim znanjima i iskustvima u slučajevima kada se proizvod pravilno skladišti, upotrebljava, transportuje i kada se njime rukuje u redovnim uslovima. Kupcu, odnosno korisniku proizvoda savetujemo da prethodno testira da li je proizvod pogodan za upotrebu u nameravanu svrhu. S obzirom na činjenicu da nemamo uticaj na okolnosti upotrebe i rukovanja proizvodom, ne odgovaramo za posledice koje nastanu usled nepravilne upotrebe. Kupac, odnosno korisnik proizvoda odgovara u slučaju da proizvod čuva, transportuje, ugrađuje i upotrebljava suprotno uputstvima, nameni i svojstvima i informacijama o bezbednosti proizvoda, kao i nakon naznačenog roka upotrebe proizvoda. Naš tim iskusnih stručnjaka pruža savete u fazama planiranja i primene naših proizvoda. Poseta gradilištu i demonstracija primene naših proizvoda mogu biti organizovane na zahtev. Kontaktirajte naš tehnički tim i saznajte više o našim proizvodima na veb-sajtu [www.saint-gobain.rs](http://www.saint-gobain.rs)