

weber.tec Superflex BG (Superflex BG)

Polymer-bitumen modified, flexible waterproofing material applicable by spray

■ Description

Polymer-bitumen modified, one-component, highly flexible, solvent-free waterproofing material applicable by spray.

■ Advantages

- Fast and easy application with spray
- Environment-friendly, content with no solvent.
- High flexibility and crack bridging due to high polymer additive.
- Applicable on all mineral substrates.
- Applicable to masonry walls without any need for a render coat.

■ Range of application

- Used as waterproofing material against ground dampness, seepage water, temporary and permanent pressured water on foundations, cellar walls, wet duty areas, balconies and terraces.

■ Application substrates

- Concrete,
- Cement-based renders and screeds,
- Walls made of limestone, brick and briquette,
- Please consult us for other application substrates.

■ Performance

- Color: Black
- Density: approx. 0,95 kg/dm³
- Dry residue ratio: approx. 70 % in volume
- Heat resistance: approx. 70 °C.

■ Application properties

- Drying time: 3-5 days.
- Time for filling with earth: 3-5 days.

■ Conditions of application

- Ambient temperature: between +5 °C and +30 °C
- Avoid application in very hot weather and under direct sunlight.
- It should not be used on substrates which are frozen or have the risk of frost.

■ Preparation of substrates

- Substrates should be clean, smooth, sound, frost-protected and free from adhesion diminishing residues of form oil, cement and loose materials.

- Inner edges should be rounded by beveling with **weber.rep MA 200**, where the situation requires quick application or sulfate resistance, it should be beveled with **weber.rep HKS** and the external edges should be rounded by trimming with mechanical methods.
- Substrates should be primed with **weber.tec Superflex BG** diluted in 1/10 ratio (**weber.tec Superflex BG** / water) via spray method, brush or roller. Priming process should be done with undiluted **weber.prim max** on dusting substrates.
- To prevent the formation of air bubbles and/or to level the substrates which are porous, deformed or perforated, a scratch coat application should be made with **weber.tec Superflex BG**.

■ Application

- For long term use without depositing, **weber.tec Superflex BG** should be mixed for a short time in the package without any addition or dilution process before pouring into spray machine.
- **weber.tec Superflex BG** should be applied on the entire substrate with low-pressure bitumen spray machine in 2 coats. Total application thickness should be determined according to application area and water pressure that the waterproofing layer will be subject to (see consumption table).
- The application of the second layer should be performed after the first coat is dry enough not to be damaged.
- In the areas subject to temporary pressured water, alkali resistant glass-fiber mesh should be applied in edges and corners in between application of the first and second coat of **weber.tec Superflex BG**. In the areas subject to permanent pressured water, alkali resistant glass-fiber mesh application should be made on the entire substrate in between the first and second coat of **weber.tec Superflex BG**.

■ Attention points

- No foreign object should ever be added.
- Dilatation joints on the application substrate should not be covered with **weber.tec Superflex BG** and the continuity of waterproofing at these points should be ensured with **Superflex B 240 / Superflex B 400** waterproofing tapes.
- **weber.tec Superflex BG** applied substrates should be protected from rain after application and frost during complete drying time.
- No earth filling should be made on **weber.tec Superflex BG** applied cellar walls before protective application is performed.

- **weber.tec Superflex BG** application on terraces should be dissolved with reverse roofing detail (heat insulation layer over waterproofing layer).
- All tools used for application should be washed with water immediately after application. Dry residues could be cleaned up with the help of thinner.

■ Limits of application

- Not applicable on metal substrates.

■ Consumption

Application areas	Min. application thickness (dry film)	Min. consumption
Areas subject to ground dampness and seepage water	3 mm	4,2 kg/m ²
Areas subject to temporary pressured water	4 mm (with glass fiber mesh on edges and corners)	5,6 kg/m ²
Areas subject to permanent pressured water	4 mm (with glass fiber mesh on the entire substrate)	5,6 kg/m ²

■ Packaging

Net 28 kg tin.

■ Application tools

Spray machine, brush, trowel.

■ Shelf life

6 months from the production date in dry and moisture-free ambient.

Package should be kept tightly closed when not in use.

Packages should be protected against frost

> The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.

> **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



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Weber products are produced at ISO 9001:2008 Quality Management System Certified production facilities.

