

## // PROTECTIVE COATING

FB-Superflex

### // CHARACTERISTICS

- Synthetic resin dispersion based on styrene butadiene
- Sealing against humidity
- Compatible with commercially available tile adhesives and solvent-free coatings
- Compatible with silicone sealants
- Ready-to-use, easily applicable by rolling, painting or trowelling
- Very short drying time of 2 to 3 hours
- High crack bridging properties
- Free of plasticisers and solvents
- Store and transport frost-free
- Complies with building material class B2 "normally inflammable" in accordance with DIN 4102-1

### // STANDARDS AND TESTS

- Complies with the water action categories W0-I, W1-I and W2-I for tear class R1-I in accordance with DIN 18534
- General building inspection certificate - Liquid seal in combination with tiles and board coverings for use as building sealant
- Conform to the moisture resistance classes A0 according to ZDB and A according to abP
- EMICODE® EC 1 Plus - very low emission

### // IMPORTANT INFORMATION

EMICODE® is a registered trademark of GEV e. V. (Düsseldorf, Germany)

For sealing in combination with the Superflex Protective Coating, the following C2-adhesives are tested in the system - see abP:

- |                           |                                     |                      |
|---------------------------|-------------------------------------|----------------------|
| → Sopro tile cement No. 1 | → PCI FT Extra                      | → Sakret FFKs        |
| → Sopro FKM XL            | → Ardex X 7 G plus                  | → Mapei Keraquick S1 |
| → PCI flexible mortar S1  | → Ardex N 23 Microtec natural stone | → Mapei Ultralite S1 |
| → PCI flexible mortar     | → Sakret flexible tile cement FFK   | → Schönox Q6         |

SUPERFLEX Protective Coating is only authorised for wall surfaces with a high stress category by nonoppressive water on the interior (such as walls in public showers) in accordance with stress category A according to abP and in accordance with W2-I water action category according to DIN 18534!

SUPERFLEX Slurry Seal Coatings (in combination with OTTOCOLL® M 500) are authorised for floors in accordance with the stress category A according to abP and in accordance with the W2-I water action category according to DIN 18534.

SUPERFLEX Protective Coating is suitable for composite sealing in the floor area for the water effect classes W0-I and W1-I according to DIN 18534.

## // PRETREATMENT

The substrate must be firm, load-bearing, absorbent and flat, as well as free of oil, grease, dust and other separating layers. Remove any residues by means of brushing it and suctioning it off.

The surface must not have unevenness, ridges or continuous cracks. Uneven surfaces have to be adjusted with an adequate tile adhesive either before or after the application.

**The residual moisture must not exceed the following values:**

- **Cement screed: 2 %**
- **Cement screed (heated): 1,8 %**
- **Anhydrite screed: 0,5 %**
- **Anhydrite screed (heated): 0,3 %.**

Pretreat porous and highly porous mineral substrates, gypsum plaster boards and other gypsum based substrates with SUPERGRUND Primer and let dry for at least 2 hours.

The drying time depends on the temperature of the air and the substrate, the airflow, the air humidity and the absorptive power of the substrate. At +20 °C and a relative air humidity of 50 % the drying time is approximately 2 hours.

Gypsum plasters have to be rigid, dry, smoothed and single-layered at least 10 mm thick.

Moisture-prone substrates, e.g. construction materials containing gypsum and anhydrite floors are only suitable for the water action categories W0-I and W1-I.

Constructional sealing made of polyethylene, polypropylene and bituminous based materials are unsuitable substrates. For non-porous building substrates such as polyurethane, polyacrylates, epoxides etc. please contact our technical department.

## // APPLICATION INFORMATION

Stir SUPERFLEX Protective coating well before use and apply using a roller (short-pile lambskin or foam roller). First of all the corners of the walls and the corners between the wall and the floor are sealed using KDB 190/7050 sealing tape, whereby the sealing tape is placed in the fresh protective coating and the textile with the edge of the coating is generously painted over. Then, SUPERFLEX Protective coating is applied in equal thickness to the wall and the floor. The second coat is applied after a drying period of at least one hour.

**The sealing must be applied in at least two stages using different colours (contrast):**

- **1. coat: SUPERFLEX Protective coating (in the original colour)**
- **2nd coat: SUPERFLEX Pigment is added to SUPERFLEX Protective coating and stirred in to produce a homogenous mixture. The coloured protective coating is applied.**
- **Alternative:**
  - 1. coat SUPERFLEX Protective coating in color grey and 2nd coat SUPERFLEX Protective coating in color blue.**

The application of a third layer is possible, yet not necessary. Standard commercial tile adhesives can be applied to the protective coating using the thin bed method after approx. 2 – 3 hours.

If only the floor needs sealing, the sealant must be drawn 5 cm up the wall and be covered with a skirting board.

Wall seals must be at least 20 cm above the highest tap (e.g. shower head).

Due to the many possible influences during and after application, the customer always has to carry out trials first.

Please observe the recommended shelf life which is printed on the packaging.

## // SAFETY PRECAUTIONS

Please observe the material safety data sheet.

## // DISPOSAL

Information about disposal: Please refer to the material safety data sheet.

## // PROTECTIVE COATING

FB-Superflex

Art No.	Packaging in kg
FB-Superflex 010 blue	10
FB-Superflex 020 blue	20
FB-Superflex 010 grey	10
FB-Superflex 020 grey	20

- Solvent-free surface sealant based on styrene-butadiene
- ready for use, paintable, spatulable and rollable
- impermeable to water in the bonded state and silicone-compatible
- odourless and fast drying



## // OPTIONAL ACCESSORIES

Pigment black

Art No.	Packaging in kg
FB-Superflex Pigment	0.05

