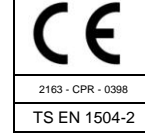




# BAYCOFLEX-Superflex

## Two component, highly elastic, bituminous-rubber thick layer waterproofing



### Description:

BAYCOFLEX-Superflex is a two component highly elastic, bituminous rubber thick layer waterproofing.

### Areas of Application:

For the below grade waterproofing of

- floor slabs,
- foundations,
- basement garage ceilings.

For intermediate waterproofing of

- sanitary areas,
- balconies and terraces,

For waterproofing of

- upside down concrete roofs,
- horizontal surfaces of concrete, screed, masonry, or render.

### Properties/Advantages:

- Seamless/jointless, crack bridging waterproofing
- Highly elastic (%200)
- Crack bridging ability
- Fast rain proof,
- Rapid hardening,
- Solvent free,
- Simple and economical handling,
- Trowable.

### Technical Data:

Basis: 2-component, polymer modified, bituminous thick layer coating

Density(liquid comp.): 1,04 ± 0,02 kg/l

Solids content: %68±2

Processing-/

Surface Temperature: +5°C up to +30°C

Processing time: approx. 1 hour (\*)

Drying time: approx. 24 hours (\*)

Curing time: approx. 3-5 days (\*)

(\*) Depending on temperature and air humidity etc.

### Consumption:

Shear walls: 3 kg/m<sup>2</sup>

Ground moisture, non retaining seepage water:  
3,0-4,0 kg/m<sup>2</sup>

Non pressured water:  
4,0 kg/m<sup>2</sup>

Retaining seepage water / pressure water:  
5,0 kg/m<sup>2</sup>

### Packaging:

Supplied in 30 kg hobbcock  
(22 kg of liquid component, 8 kg of powder comp.)

### Surface preparation:

The surface must be frost protected, firm, even, have no formation of pockets or gaping cracks, flashes and should have no damaging impurities.

Open voids such as mortar pockets, opened crossed joints, bearing joints etc. with depths of 5 mm or deeper are to be closed with an appropriate mortar such as BAYCOCRET-105.

Brickwork surfaces (according to DIN 1053-1 or for commonly used porous construction materials) with opened crossed joints (with 5 mm surface profile) must be levelled off. Edges must also be milled and grooves are to be rounded off.

### Wall / Floor junctions:

BAYCO-JOINT-TAPE-2000 with TEYAPLAST-2K or BAYCOSEAL-2K/M secured and worked in to the sides. Alternatively precoat with BAYCOSEAL-1K. Concave mouldings to be fitted should be filled using the wet-in-wet method, suitably with BAYCOCRET-BT25/K or BAYCOCRET-130 repair mortar with a minimal leg length of 4 cm. As soon as the area has hardened, including the bottom face side is to be covered with BAYCOSEAL-1K.

### Separating joints on building constructions with continuous floor slabs:

Joint tapes (\*) with TEYAPLAST-2K or BAYCOSEAL-2K/M secured and worked in to the sides.

(\*) Suitable joint tapes such as:  
BAYCO-JOINT-TAPE-2000

For fixing the joint tapes TEYAPLAST-2K or BAYCOSEAL-2K/M, mix only with half of the dispersion mixture. The required spackling consistency is to be controlled by addition of measured water.

TEYAPLAST-2K or BAYCOSEAL-2K/M can be coated/combed in, with a four-toothed trowel, the joint tape is to be pressed in and is to be leveled off.

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# BAYCOFLEX-Superflex

## Method of Applikation:

To achieve an optimal surface bonding application, the substrate can be precoated with 1 part BAYCOFLEX-Superflex (liquid component), to 5 parts diluted water. For mixing the bituminous thick layer a slow mixing apparatus with suitable mixing arm is to be used.

Followed by the mixing in of the liquid component for a short moment and finally mixing the complete powder into the liquid composition, the complete mix is to be achieved without clumping, forming an homogenous mass. After complete hardening and drying out of the prepared precoating, the professionally prepared substrate can then be sealed with BAYCOFLEX-Superflex. A scraped rendering can then be covered to act as the first layer of the surface.

## Protective and Sewage plates/slabs:

Suitable protective measures are required when sealing surfaces to protect from strong sunlight and mechanical damaging. Application of protective layers, for eg: using ASO-Systemvlies-02 (Fleece system), protective plates and drain element. It is recommended when filling in the floor bonding, with protective plates and drain element to combine and cement with BAYCOFLEX-Superflex.

Protective layers should not influence the sealant by involving dotted or linear pressure. Corrugated protective plates/slabs or burling sheets are, therefore, not suitable.

Drainage is to be carried out according to DIN 4095. Apply BAYCOFLEX-Superflex when cementing perimeter insulation (closed cells with protective and drainage slabs).

## Cleaning equipment:

Clean equipment immediately with water after use. Hardened material is difficult to remove.

## Storage:

In frost protected storage for 12 months in original closed containers, opened containers are to be used up as soon as possible.

## Important advice:

- Do not work the surface when the ground temperature sinks below + 5 °C, especially when raining or when humid rain or air influences the processing.
- Non treated surfaces are to be protected against the influences of BAYCOFLEX-Superflex.
- Bituminous sealants can not be absorbed by negative water pressure. In areas where this can be expected, then the area to be secured and should be sealed with BAYCOSEAL-1K or TEYAPLAST-2K in advance.
- Masonry crests and open window leggings are to be protected against water intrusion.
- According to the rules of technique, a sealant on the soles of the rising walls can be achieved by applying TEYAPLAST-2K or AQUAFIN-2K/M.
- Previous examples of applications on piping, foundations and plinths are to be regarded.
- The already recommended minimal thickness layer is not to be reduced on any part of the surface.
- The required wet film thickness is not to be exceeded beyond 100%.