Technical Data Sheet

weber.sys 982

Watertight foil

Watertight foil for waterproofing works in transition areas in combination with 2-comp. bitumen waterproofing thick coatings, reactive coatings and flexible cement-based slurries

Fields of application

For waterproofing transition areas of earth-contacting building elements in combination with all **Weber** 1- or 2-component bitumen waterproofing thick-layer coatings (PMBC – polymer-modified thick bitumen coatings) weber.tec 915, 922, Superflex 10, Superflex 100 S and Superflex 2 K, weber Bitumenabdichtung and the 2-comp. reactive thick and quick-setting waterproofing coating weber.tec Superflex D 24.
As watertight and protective coat on concrete, renders, masonries, steel and weber.tec Superflex D 24.
Also used as sealing sleeve, e.g for the waterproofing of floor inlets (in particular loose/fixed flange constructions) in combination with the 2-comp. epoxy resin waterproofing system weber.tec 827 S or the reactive waterproofing system 2-comp. reactive waterproofing slurry weber.tec Superflex D 2.
For use outdoors.

Description

weber.sys 982 is a waterproofing foil of butyl rubber core which is fleece-laminated on both sides.

Composition

Butyl rubber, polyester fleece lamination

Main features

- elastic
- fleece laminated on both sides
- tear-resistant
- impermeable to water
- very good bonding strength

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Technical values

Width:	100 cm and 30 cm
Length:	50 m
Temperature stability:	up to 90°C
Weight:	approx. 500 g/m²
Thickness:	approx. 0.45 mm
Water vapour diffusion resistance coefficient (μ):	194582
Water vapour diffusion equivalent air layer thickness (S_D):	approx. 109 m

Quality control

weber.sys 982 is subject to a regular quality control.

Working instructions

Use in combination with bitumen waterproofing thick-layer coatings

- After substrate preparation and drying of the primer and/or scratch coat, first apply one coat of bitumen (for e.g weber.tec Superflex 10) of approx. 2 mm thickness and a width of approx. 30 or 50 cm on the transition areas of earth-contacting building elements.
- Embed 30 or 50 cm wide strips of weber.sys 982 “wet-in-wet”, depending on the required width, without voids, and apply a 3 mm-thick bitumen coat.
- Press the foil without pressure with the stainless steel trowel onto the first fresh layer of bitumen in vertical wrinkle-free strips of 30 or 50 cm width.
- When forming T-joints, first form the horizontal detail points; afterwards glue the vertical strip with the bitumen compound onto the horizontal strip with an overlap of min. 10 cm.
- Cut tape joints, mitres and connections from weber.sys 982 to size.

Use for bonded waterproofing layers under tiles and slabs in combination with the epoxy resin system weber.tec 827 S

- After substrate preparation apply the epoxy resin primer weber. prim 807 on the surrounding screed area.
- Afterwards waterproof the top section of the floor drains and the surrounding screed area with the flexible waterproofing epoxy resin (pour-grade) weber.tec 827 S in 1 mm thickness.
- Cut a sealing sleeve from weber.sys 982 to size, impregnate it with weber.prim 807, place it onto the fresh layer weber.tec 827 S and cover it with the pre-said material in 1 mm thickness.

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- Fit the loose flange in the connection flush and screw on.
- Afterwards carry out the waterproofing of the screed with weber. tec 827 in 2 layers and scatter the oven-dried silica sand weber.sys Hartquartzmaterial (0.7 - 1.2 mm) over the still tacky 2nd layer.

Use for bonded waterproofing layers under tiles and slabs in combination with the reactive system weber.tec Superflex D 2

- Use the primer weber.tec 801 on the floor drain and the surrounding screed area.
- Apply weber.tec Superflex D 2 on the screed as well as the top section of the floor drains.
- Cut a sealing sleeve from weber.sys 982 to size without delay, place it in position and apply weber.tec Superflex D 2 full-surface.
- Fit the loose flange in the connection flush and screw on.

Practical information

Storage:
The material can be stored at least 24 months in its original unopened packaging, if protected from UV rays.

Consumption / yield

approx. 1.05 m²/m²

Packagings

Type	Dimension	Sales unit
Roll	width: 0.3 m	50 meters
Roll	width: 1.0 m	50 meters

The information in this technical data sheet is based on our current knowledge and experience at the time of printing. However, they do not guarantee in the legal sense.

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