weber.tec 822 Membrane (EN)

Produktdatablad

PRODUCT ADVANTAGES

- Ready-to-use
- Fast-drying time
- Crack-bridging

PRODUCT DESCRIPTION

weber.tec 822 is a factory-mixed one-component, flexible liquid dispersion waterproofing foil.
Composition: Polymer dispersion, selected additives.

Product features:

- Roller-grade, brush-grade and trowel-grade
- Highly elastic (breaking strain approx. 310 %)
- With official test certificate
- Certified by Det Norske Veritas for use on American cruise liners (certificate 0575/12)
- EMICODE EC 1: low emission of volatile substances

PRODUCT SPECIFICATION

DECLARATION OF PERFORMANCE

DoP_DE_tec 822

PROPERTIES	
Application tool	Flat trowel, brush, swab, lambskin roller
Can be covered over with tiles	After complete drying (approx. 24 h)
Density	Approx. 1,6 kg/dm³
Application temperature	5°C to 30°C
Consumption	For dry layer thickness 0.5 mm: approx. 1,2 kg/m²
Layer thickness	0,5 mm

USAGE AREA

weber.tec 822 is a one-component, flexible, liquid dispersion-based and jointless waterproofing system under ceramic tiles for indoor sanitary areas and wet-duty areas. It protects substrates that are sen- sitive to moisture, such as gypsum plasters, gyp- sum fibreboards and calcium sulphate screeds from moisture penetration.

weber.tec 822 can also be used on concrete, cement screed, cement render, mineral patching mortars and old tile coverings. The liquid dispersion waterproofing foil is ideally suited for waterproofing tasks on wall and floor surfaces with drainage in ba- throoms, shower areas, and other rooms subject to moisture load – classes A (wall) and A0.

STORAGE

In the original packaging the material can be stored for at least 12 months in cool, dry, frost-free conditions.

PRE-TREATMENT OF SUBSTRATE

The substrates must be sufficiently solid, sound, clean, dry, dimensionally stable and free of adhesion impairing substances. Concrete substrates must be free of cement laitance. Oil, grease, wax and care agent residues must be completely removed. We recommend weber.sys 894 as oil and grease dissolver.

For laying tiles the substrates must satisfy the requirements specified in DIN 18157.

If necessary gypsum-containing plasters, gypsum building boards, etc. must be mechanically roughened beforehand.

Absorbent substrates must be pre-treated with the primer weber.prim 801 and non-absorbent, smooth substrates (indoors) must be pre-treated with the primer weber.prim 803.

DIRECTIONS FOR USE

GENERAL INSTRUCTIONS

• DIN 18195, the current versions of the ZDB leaflets, as well as the List of Building Regulations apply as the basis for application of solid-bonded waterproofing systems.
• Not suitable for use in swimming pools or in areas that are subject to permanent underwater load. Shear forces should not be dissipated by the waterproofing system.
• All characteristics are based on a temperature of +23 °C without draught and relative humidity rate of 50 %.
• Higher temperatures and lower humidity accelerate, lower temperatures and higher humidity delay drying.
• Structural joints in the construction must be covered with sealing tape and incorporated congruent with the tile covering.
• For subsequent installation of ceramic coverings on natural stones, avoid damaging the waterproofing layer.

SPECIAL INSTRUCTIONS

• For the application in "flush floor showers", we recommend the use of our 2-component quick- and reactive-setting waterproofing slurry weber.tec Superflex D 2.
• Ground-contacting areas must be waterproofed against rising damp.
• The connection to metal surfaces is executed with the 2-component solvent-free and flexible reaction resin waterproofing system weber.tec 827 S.
• For use of weber.tec 822 on timber substrates, we recommend using an acoustic de-coupling system, such as weber.sys 831.

APPLICATION

• Stir thoroughly prior to use, do not dilute with water.
• The material can be applied with the smoother, brush, swab or with a lambskin roller.
• First the elastic sealing tape weber.sys 828 DB 75/DB 150 is embedded in the fresh coat of weber.tec 822 in corners, expansion joints, and movement joints, as well as in the areas of material transitions.
• Corner formations can be efficiently executed with the pre-fabricated weber.sys 828 DI inner corners and weber.sys 828 DA exterior corners.
• For sealing sanitary connections the special lip-seals weber.tec 828 MD or MA should be used.
• Subsequently two full-surface coats with weber.tec 822 are applied; the drying time between the coats is approx. 2-4 hours. The total dry layer thickness of both coats must be at least 0.5 mm.
• To increase execution reliability the coats can be applied in different colours, i.e. 1st coat (old pink), 2nd coat (grey).
• In non-dried status the applied waterproofing layers must be protected against moisture load.
• Clean equipment with water immediately after use.

QUALITY CONTROL

weber.floor 822 is subject to constant quality control via self-monitoring.

DISCLAIMER

Since there are different conditions and requirements that apply in any case, Saint-Gobain Byggevarer AS cannot be liable for other than the information provided in this product datasheet. Examples of information and conditions beyond Saint-Gobain Byggevarer AS's responsibility (if specially pointed out or not), involves storage, construction, preparation, how the product works together with other products, workmanship and locale conditions. The information provided in this product data sheet is based on our current knowledge and experience about the product. All of the above information must be considered as guidelines. It is the user's responsibility to ensure that the product is suitable for the intended use, and also to perform acceptance check and self-inspection control. The user is responsible if the product is used for purposes other than recommended or for improper installation.

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Oppdatert: 13.06.2019