

MasterJoint™ WP 308

Elastomeric Acrylic Resin Based Waterproofing, Flexible Protective Coating

Material Description

MasterJoint™ WP 308 is an acrylic based single component waterproofing material used on under ceramic coverings in showers and bathrooms.

Complies with EN 1504-2

Areas of Application

- For indoor use
- For walls and floors
- Resistance class A in accordance with the test principles to issue an official test certificate
- For wet areas not exposed to pressurised water, such as bathrooms, showers in residential buildings, hotels, old people's homes and hospitals
- On moisture-sensitive, absorbent substrates, e.g. plasters, plaster slabs, gypsum fibre boards, plaster boards, wooden chipboards, anhydrite screeds in moist and wet areas subject to usual domestic use

Characteristics and Benefits

- Waterproof, protects moisture-sensitive substrates.
- Flexible, compensates tensions, deformations of the substrate, variations in temperature and vibrations.

- Crack-bridging, high reliability even with subsequent cracks in the substrate.
- Solvent-free, no harmful risk to the environment, can be used without any risk to health.
- Ready-to-use, easy to apply by roller, brush or trowel
- Resistant to lime water, ensures bond between protective coating and mortar if the adhesive bed is constantly submerged in water

Processing Method

(A) Preparation of Substrate

The substrate must be sound, dry (cement screed 4%, anhydrite flowable screed 0.5%, measured with the CM meter), clean and free from oil, grease and other residues which should be removed by sand-blasting, brushing or shotblasting (Blastrac) if necessary. The practically smooth surface must not have any honeycombs, gaping cracks or ridges. Prime gypsum-based substrates and plaster boards beforehand with **Astar A®**. Absorbent mineral substrates should be primed with **Astar A®**. The primers must have cured prior to the application of **MasterJoint™ WP 308**.

Technical Properties

Structure of the Material	Acrylic Resin
Color	Grey
Density	1,35-1,45 gr/cm ³
Minimum Consumption	1,1 – 1,2 kg/m ² (dry layer thickness of 0,5 mm)
Thickness of Wet Film	Approx. 0,7 mm (min 2 layer)
Evaporation Time After 1 st Coat	3 – 5 min.
Application Ground Temperature	Approx. 1 hours
Service Temperature	-20°C - +80°C
Evaporation Time After 2 st Coat Ready for Subsequent Tiling	Approx. 1 to 2 hours

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(B) Processing

Place **MasterJoint™ WP 308** with applying **MasterJoint™ WP 308** on the cold joints and conjunctions at the corners. Obtain watertightness on the perimeter of pipe penetrations and drainages system by using of **MasterJoint™ NPRI 474**. Apply **MasterJoint™ WP 308** by roller (lambskin roller), brush (wall brush, float), or trowel to the substrate to cover the entire area. A minimum of two coats is required. Any further coat is applied when the first coat is dry. When **MasterJoint™ WP 308** has cured tiles can be laid with **FMörtel® 22**, **FMörtel® S1** on vertical and horizontal areas. calibrated natural stone should be laid with the adhesives for natural stone.

Consumption

2 layer 1.2-1.5 kg/m²

Point to Consider

- **MasterJoint™ WP 308** is not recommended for outdoor use and waterproofing in swimming pools. For these purposes use the crackbridging waterproofing slurry **MasterJoint™ WP 306**.
- Do not apply **MasterJoint™ WP 308** substrate temperatures below +5°C and above + 25°C
- The protective coating can be exposed to foot traffic after 2 hours at the earliest when applying two coats.

Cleaning of Tools

All the tools and equipments must be cleaned by water after the application. After **MasterJoint™ WP 308** is hardened, it can only be removed from the surface mechanically.

Packaging

10 kg plastic bucket

Shelf Life

12 months after the production date under appropriate storing conditions. . **MasterJoint™ WP 308** freezes below 0°C and no permanent storage over +30°C.

Storage

Must be stored in unopened original packing, and in cool and dry environment protected from freezing and delivery has to be according to first in first out system. In long-term storing, the palettes must not be stowed on top of each other.

Health and Safety

It is dangerous to approach the application sites. During the application, a protective apparel, protective gloves, goggles and masks which comply with the Occupational Health and Safety Rules should be used. Due to the irritation effect of the uncured materials, the mixture should not come into contact with skin and eyes; in case of a contact, the affected area should be washed with plenty of water and soap; in case of swallowing, a physician should be consulted immediately. No food or beverages should be brought to the application area. The product should be stored and kept out of reach of children. For detailed information please consult the Material Safety Data Sheet.

Disclaimer

The technical information given in this publication is based on the present state of our best scientific and practical knowledge. **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is only responsible for the quality of the product **MBT Teknik Yapı Kimyasalları Sanayi ve Ticaret A.Ş.** is not responsible for results that may occur because the product is used other than advised and/or out of instructions regarding the place and the method of use. This technical form is valid only till a new version is implemented and nullifies the old ones.

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