

HYDROLASTIC AS777

Flexible Waterproof Protective Coating for use under tiles and natural stone coverings in wet areas

Description:

HYDROLASTIC AS777 is a single component waterproofing, based on acrylic resin that provides a flexible protective coating beneath ceramic tiles and natural stone installations in wet areas. It forms a highly elastic, seamless membrane, with excellent protection from moisture and standing water. It shows very low water uptake suitable for areas where ponding water may occur and can be used in tropical climatic conditions.

Uses:

- Wet areas & shower alcoves
- For indoor use on walls and floors
- Applicable on moisture-sensitive and absorbent substrates – including plaster, plaster slabs, gypsum fiberboard, plasterboard, wood chipboard, and anhydrite screeds – in areas exposed to moisture or wet conditions typical of residential environments.
- Suitable for use on absorbent mineral substrates such as concrete screeds, renders, aerated concrete and cement-based self levelling compounds.

Advantages:

- Non-toxic and VOC compliant
- Excellent protection from moisture & standing water
- Resistance to ponded water condition.
- Waterproof and protects moisture-sensitive substrates
- Flexible, compensates tensions and minor deformations of the substrate, variations in temperature and vibrations
- Ready-to-use, easy to apply by roller, brush or trowel

- Ensures bonding between protective coating and mortar if the adhesive bed is constantly submerged in water
- Water based – no harmful risk to the environment and human health

Instructions for Use:

Surface Preparation:

The substrate must be sound clean, dry & free from loose materials efflorescence, laitance, curing compounds, dirt, oil and grease. For concrete surface ensure that it has a moisture content not exceeding 5% before coating the product.

For hard laitance or contamination, clean the concrete surface with mechanical preparation methods like captive blasting or sand blasting to achieve an open textured substrate.

Surface defects like voids, cracks, blow holes must be fully exposed and repaired using appropriate MATEX Concrete Repair Products. The substrate must be free of all mold, mildew, fungus and other growing organisms. High pressure jet water may be used to remove such growing organisms. Allow the cleaned surfaces to dry thoroughly.

Prime the surface with ARMOPRIME AS-acrylic resin dispersion primer prior to the application of HYDROLASTIC AS777.

Application:

HYDROLASTIC AS777 is a ready to use single component product. To ensure full homogenous mix, shake the pail while closed or mix slowly for 2-3 minutes using a paddle with slow speed drill till a homogenous mix is achieved.

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A minimum of two coats are required for the application of HYDROLASTIC AS777. For easier control of coverage, it is recommended to apply the first coat with HYDROLASTIC AS777 – red color and the following coat(s) with HYDROLASTIC AS777-grey. If the previous color is visible, it means application thickness is too thin and needs to be avoided.

HYDROLASTIC AS777 can be applied with a roller or brush. Apply rich coat to the surface. Minimum consumption required at dry layer thickness of 0.5 mm will be 1.1 kg/m². Subsequent coats to be applied to the first coat preferably at right angles to the first application. Embed a reinforcing membrane fabric over pipe culverts and floor drains, in corner joints and floor/wall junctions, whilst the first coat is still wet. Make sure that the fabric is fully covered with the material. Any subsequent coat should be applied when the first coat is dry.

Once HYDROLASTIC AS777 is fully cured, tiling can commence using suitable tile adhesive depending which type of tile is being used.

When applied on floating screed, it is recommended to leave at least 10 mm in the floor/wall connection with fiber reinforcement free from HYDROLASTIC AS777.

If the surrounding area is sensitive to moisture, waterproofing should be applied also below and behind the shower base and bathtub. Any penetration through the waterproofing system should be treated as per the best industry practice using gaskets and tapes. For further details contact Matex Technical Department

Standards:

- ASTM D412, C 1305, 4541, 2240

Coverage:

HYDROLASTIC AS777 achieves coverage of approx. 1.1 kg per square meter @ 500 micron DFT

*Coverage rate is an approximate value, and subject to actual site conditions.

Packaging:

Single component: 25 kg in plastic pails

TECHNICAL PROPERTIES	
Color	Grey/red
Density	1.50 ± 0.03 kg/lit
Touch Dry	Approx. 20 min
Overcoat time	Approx 1 – 2 hours
Adhesion to Concrete (ASTM D4541)	>1.5 N/mm ²
Application Temp.	5 to 40°C
Service Temperature	5 to 70°C

*Values indicated may vary depending on the environment and conditions of the material. Figures given are tested according to standard laboratory conditions.

Storage and Shelf life:

Store in original packing in a covered area, in cool, dry place away from direct sunlight and other sources of heat and high humidity condition. The shelf life of the product is up to 6 months if stored as per recommendation. Excessive exposure to sunlight and high humidity may reduce shelf life of the product.

Cleaning:

Clean all tools with water before product hardens. Hardened material can only be removed mechanically.

Notes:

- Do not apply with fog, imminent rain forecast or with weather humidity more than 80%.
- Application to be done preferably during falling ambient and substrate temperatures.
- Not to be used in permanently immersed or pressurized conditions

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Health and Safety:

- Avoid contact with eyes and skin. Wear suitable protective clothing such as coveralls, goggles, dust mask and gloves. Use barrier cream. Ensure that there is adequate ventilation. Do not breathe vapor or spray mist.

FIRST AID:

Eyes:	In the event of accidental splashes, flush with warm water and seek medical advice.
Skin:	Wash skin thoroughly with soap and water
Inhalation:	Remove to fresh air, keep patient rested
Ingestion:	Do not induce vomiting. Seek immediate medical attention.

For further safety information, please refer to HYDROLASTIC AS777 Material Safety Data Sheet.

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MATEX warrants that its products are free from material and manufacturing defects. Instructions on how to use the product should be strictly followed to ensure effectivity and safe use. MATEX shall not be liable either directly or indirectly for any damages to personal, equipment or products that may occur as a consequence of the failure of any products application because it has no direct or continuous control over where or how its products are applied. It is the user's responsibility to acquire always the updated version of datasheets.



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