

MH 1K

ONE-COMPONENT WATERPROOFING

Use:

Product for waterproofing terraces, balconies, pools, water basins, prior to ceramic or natural stone plating. Plating in this system is mandatorily done with flexible grey or white AF S adhesive, as appropriate. The 0,8 mm granularity gives the surface an increased roughness, to facilitate adherence. Product is not used on basins deeper than 4 meters, on surfaces with salt efflorescence or fragile bases. Product is not applied on wood, plastic, metal, plasterboard.



Characteristics:

- High adherence
- High flexibility
- Easy processing
- Waterproofed membrane

Technical data:

Item No.:	MH1K
Material foundation:	Cement, mineral aggregates, polymers, plasticizer
Quality standard:	SR EN 14891 / 2012
Initial adherence by tension:	Min. 0,5 N/mm ²
Adherence by tension, after water immersion:	Min. 0,5 N/mm ²
Adherence by tension after aging under heat:	Min. 0,5 N/mm ²
Adherence by tension after frost-thaw cycles:	Min. 0,5 N/mm ²
Adherence after contact with chlorinated water:	Min. 0,5 N/mm ²
Bucket time:	Approx. 60 minutes
Open time:	20 minutes
Air/substrate temperature when placing:	Min. +5°C max. +30°C
Optimum air/substrate temperature when placing:	Min. +20°C max. +25°C
Consumption:	Approx. 3 – 5 kg/m ² / 2 layers, total thickness, 2 mm
Packaging:	Paper bag resistant to humidity
Delivery:	25 kg

Storage / Validity:	12 months from date of fabrication on the packaging, according to Directive 1907/2006/EC and GR 932/2004, at 20°C and 65% relative humidity. Store in dry spaces on wooden pallets.
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Technical data and those related to consumption are determined in standard conditions. There may be differences depending on conditions of applications.

Base:

Surface of the support layer must be resistant, clean, dry, without cracks or fissures, adherent and compact, free of grease, dusts, loose debris, salts or other materials than can form a separator layer. Fragile areas and mortar residues must be removed. The mineral support layers, concrete plaster works or screeds must be at least 28 days old, respectively they must be completely hardened and dried. Concrete surfaces are reconditioned with adequate mortar in the Schomburg BIS range. Plaster surfaces are reconditioned with MTI 25 for interiors, respectively with MTI 35 for exteriors. Soffits with a minimum radius of 4 - 5 cm are done at the edges. Alternatively, you can use a Schomburg sealing tape from the ASO range. ACC walls are plastered in advance with MTI 25 or MTE 35, as appropriate. The plaster layer will be minimum 20 mm, with drying time 14 days, depending on temperature and humidity.

Prior to application, the surface is watered, for a smooth surface without water excess. If during application the surfaces becomes dry out, it must be watered again.

Processing:

Both the container and the mixing water must be clean. Dry mortar is introduced in water. For 25 kg, mix homogenously 6 - 6,5 liters of water, respectively 0,24 - 0,26 liters for 1 kg, with an electric mixer, at low speed, to avoid air getting into the mortar. Mix only a quantity that can be applied during 1 hour. Leave to rest approx. 10 minutes and then give a brief, vigorous mix one more time. The paste you obtain is applied on the base with a stainless steel grouter, in 1 mm layer. If the base shows micro fissures, incorporate glass fiber reinforcement mesh into the applied layer. Second layer is applied after the first becomes dry, minimum 4 hours after application, depending on temperature and humidity. Second layer is applied in a 1mm thickness, perpendicularly on the first layer.

Surface can be plated minimum 2 days after waterproofing Surface is generally open to traffic after minimum 72 hours after the ceramic plating. These time ranges are taken into account at 20°C and 65% relative humidity. Low temperatures and high air humidity prolong this drying and hardening period.

Important:

- Consideration must be given to additional measures for the protection of surfaces against fast dehydration, bad weather or frost;
- During application and drying, avoid direct exposure of surfaces to sunlight or air current;
- Comply with the information in the technical security sheet;
- This technical sheet replaces all previous versions. Information in this technical sheet represent our experience with this product up to this day. This technical sheet does not clear the user of the product from making his own decision and evaluation including by samples, regarding the appropriateness of using the product. SCHOMBURG / ADEPLAST products as well as their aggregate raw materials are continuously monitored in our own laboratories for consistent quality. Our advisory service is available for questions regarding product application and demonstrations. Comply with the information in the security technical sheet.