

Technical sheet 01.08.2016

ADEPLAST® Color system

SILBER HYDRO BLOCK

Synthetic waterproofing membrane



Use:

One-component product made from aqueous dispersion synthetic resins with mineral raw materials addition, for waterproofing vertical or tilted surfaces in interiors, prior to ceramic plating. Product with high adherence on concrete, brick, plaster, hydrophobized plasterboard (green) or surfaces with waterproofing membrane. The layer can be reinforced with fiberglass mesh 120 - 145 g/m². Product is not flammable during application and is not toxic. After drying, a waterproof membrane is formed.

Characteristics:

- High adherence
- High flexibility
- Ready to use

Technical data:

Item No.:	SAMH0
Material foundation:	Synthetic resin, water, mineral ingredients, additives
Density:	1,25 ± 0,10 g/cm ³
Air/substrate temperature when placing:	Between +5°C and +25°C
Consumption:	Priming: approx. 0,15 - 0,2 kg/m ² Total layer 1 - 2 mm, reinforcement with mesh: approx. 2 - 3 kg/m ² Total layer 0,6 - 0,7 mm: approx. 1 - 1,5 kg/m ²
Packaging:	Plastic bucket
Delivery:	5; 20 kg
Storage / Validity:	24 months from date of fabrication on the packaging, at temperatures between 5°C and +30°C. Store in dry frost free spaces and away from direct sunlight exposure, on wooden pallets.

Technical data and those related to consumption are determined in standard conditions. There may be differences depending on conditions of applications. Precise consumption is determined on test surfaces.

Support layer:

Product is applied on flat, dry, clean and resistant surfaces. Any smoothness differences are corrected prior to application. Surfaces must be free of materials that can form a separator layer (e.g. oils or other similar). Product is not applied on bases with humidity above 5%. Adherence tests are recommended. Depending on the absorption of the base, it is primed with synthetic waterproofing membrane mixed with clean water in a 1 : 1 ratio. During application and drying, air and substrate temperature must not drop under +5°C or rise above +25°C.

Processing:

Product is applied by brush or roller. Prior to application, material from the bucket is mixed with an electric mixer for homogenization. Along the edges and margins, a perimetral tape is positioned on a layer of freshly applied material. Product is applied non-diluted in two layers. Drying time between layers is 2 to 5 hours at a temperature of +20°C and a relative humidity of 65%. The membrane is dried when it is no longer sticky.

Where necessary, the first layer can be reinforced with a 120 - 145 g/m² fiberglass mesh by pressing it into the freshly applied first layer of waterproofing.

After the last layer is completely dry, you can go on with the ceramic plating of surfaces, with ADEPLAST® AFN or a superior adhesive.

Important:

- Do not use on exteriors;
- Consideration must be given to additional measures for the protection of surfaces against fast dehydration, bad weather or frost;
- Adjacent surfaces that are not intended for finishing must be protected, respectively covered with foil;
- Product cannot be applied on oil-based paint layers or supports that contain clay and clean gypsum;
- 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.