



Stainer ISOLATO

Liquid Waterproofing Membrane

- Watertight
- Elastic
- For wet rooms
- Easy to apply
- For horizontal and vertical surfaces
- For internal and external surfaces

PRODUCT DESCRIPTION

The **Stainer ISOLATO** is a single-component elastic compound made of acrylic resin and special additives. It is indented as damp insulation in places exposed to water and water vapour. It leaves a waterproof and elastic membrane. Perfect for the bathroom, kitchen, or utility room. The **Stainer ISOLATO** creates a sealed, elastic, and watertight coating and bridges surface crazing. It offers excellent adherence to such substrates as cement sand, gypsum, and lime plasters, concrete background, clay hollow bricks, drywall, OSB, etc. It forms a substrate for such finishing materials as ceramic tiles, terracotta, wood, and wood imitation floors, and synthetic floor lining. It may be applied to heated floors. The membrane must not be used as the final coating. Do not use the membrane in rooms with constant water action.

Conforms to PN-EN 14891:2012

SUBSTRATE PREPARATION

The substrate should be dry, stable, clean, and free of substances affecting adhesion. Existing soiling, old paint, and poorly adherent coats should be removed. The substrate surface has to be even and free of deep cracks. Fill in any roughness or gaps and clean dusting surfaces with a brush. Substrates should be completely cured. Concrete surfaces should be at least 3 months old and exhibit humidity below 4%. Cement plaster and screed should be cured for at least 28 days and have humidity below 4%. Anhydrite background humidity should be $\leq 0.5\%$. Gypsum plasters and substrates should be thicker than 10 mm and have humidity below 1%.

Smooth surfaces of plasters and smoothing compound should be roughened. Every porous, highly absorbent, and dusting substrate should be primed with the **Stainer TG** deep primer before applying the **Stainer ISOLATO**. Wait at least 8 hours before applying the liquid waterproofing membrane after priming.

PRODUCT PREPARATION AND APPLICATION

The **Stainer ISOLATO** is ready to use. Mix manually or with a low speed mixer with a mixing paddle before use. The compound may be applied with a smooth steel float, brush, or roller. The first layer should be applied with a brush the thickness of which ensures thorough and tight coverage of the substrate starting with places where additional sealing accessories will be used, such as tapes, corners, or flanges. Precisely embed sealing accessories into the newly applied membrane. The second layer can be applied after the first one dries, which takes approx. 2–3 hours. Layers should be applied crosswise. Each layer can be applied after the previous one is dry. The total drying time is approx. 24 hours. The application temperature of air, substrate, and product is $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$. To obtain a waterproof membrane, apply at least 2 layers and 1 mm thick of the **Stainer ISOLATO**. The first layer should be approx. 0.5 mm.

Corners, wall and floor interfaces, and areas around pipes and drainage in wet rooms should be sealed by embedding Stainer sealing accessories into the first layer of the **Stainer ISOLATO** and covering them completely with the second layer. Protect newly applied membrane from weather conditions and moisture until completely cured. The resulting coating should be permanently protected with a ceramic cladding. Ceramic tiles should be installed with ceramic tile adhesives

class C2 PN-EN 12004+A1:2012 at least four days after the last coat is applied.
CAUTION! Do not mix the membrane with water or other materials.

CONSUMPTION

Approx. 1.2 – 1.5 kg/mm² depending on the tools used. A single brush application consumes approx. 0.5 kg/m².

TOOL CLEANING

Clean tools with water immediately after use.

PACKAGING

The **Stainer ISOLATO** is available in packages of 4 kg and 7 kg. Only completely empty containers can be recycled.

STORAGE

Store and transport in sealed buckets, in a dry place at $+5^{\circ}\text{C}$ to $+25^{\circ}\text{C}$. Do not overheat. Seal opened containers.

The shelf life is 12 months from the date of manufacture on the container.

SUPERVISION

The product quality is monitored by the Production Facility laboratory in accordance with the applicable reference documents and in-house quality control procedures.

SAFETY GUIDELINES

Avoid skin and eye contact. Wear protective clothing (gloves, protective glasses). Rinse thoroughly after contact with skin/eyes. Seek medical attention if necessary. Do not dispose of unused render into the environment.

SPECIFICATION

Single-component sealing compound, liquid waterproof membrane	
Initial tensile adhesion	$\geq 0,5$ [N/mm ²]
Adhesion after water contact	$\geq 0,5$ [N/mm ²]
Adhesion after heat ageing	$\geq 0,5$ [N/mm ²]
Adhesion after freeze-thaw cycles	$\geq 0,5$ [N/mm ²]
Adhesion after limewater contact	$\geq 0,5$ [N/mm ²]
Waterproofing	Watertight
Crack bridging ability in standardised conditions	$\geq 0,75$ mm
Crack bridging ability in low temperatures (-5°C)	$\geq 0,75$ mm
Crack bridging ability in very low temperatures (-20°C)	$\geq 0,75$ mm
Layer thickness	1 – 3 mm

ADDITIONAL INFORMATION

The information above is the product description. It should be considered general guidelines based on our research and practical experience, which does not take into account requirements related to a specific application. Therefore, it is recommended to test the product first. Product parameters may slightly change within the declared product class, which does not impact the performance and work with the product. The information provided may not be ground for any compensatory claims.

This data sheet replaces all previous ones. Reference documentation for the product is available at www.stainer.pl