

DESCRIPTION

AQUA STP is an single component MS polymer based, ready-to-use waterproofing membrane. It creates a UV resistant, super elastic protective coating.

TYPICAL APPLICATIONS

- Wet surfaces (bathroom, kitchen etc),
- Horizontal concrete surfaces,
- Repairing small areas on roofs,
- Bitumen membranes,
- Terraces and roofs,
- In waterproofing detail solutions,
- In waterproofing detail solutions,
- Chimney joints,
- Rain gutters.

FEATURES AND ADVANTAGES

- Easy and fast application.
- Excellent UV resistance.
- Crack bridging up to 4-5 mm (in 2,5 mm dry film thickness).
- Easy to apply (with roller or airless spray).
- Solvent-free.
- No toxic material content when totally cured.
- High resistancy to stagnant water.
- High resistancy to weather conditions.
- Applicable on damp and wet concrete.
- Excellent adhesion withouth primer.

APPLICATION PROCEDURE**• SURFACE PREPERATION**

Before the application, in order to ensure good adhesion; oil, grease, paraffin waste, cement grout, loose particles, mold release agents, cured old membranes should be removed from surface. After cleaning the surface with high pressure water, it should be thoroughly dried. Surface defects should be repaired with suitable products.

• PRIMING

AQUA STP is used without primer on many surfaces, Does not require a primer, even on slightly damp concrete surfaces. For absorbent surfaces such as concrete, cement or screed, AQUA PU PRIMER 2K or EPOXY PRIMER WB should be used when primer is required. TILE PRIMER should be used on non-absorbent surfaces such as metal, ceramic or old coatings.

• APPLICATION

AQUA STP is ready to use. It should be applied in minimum two layers with the help of a roller or brush until the entire surface is covered. Total dry film thickness should be minimum 2.5 mm. After the first layer application, second layer should be applied minimum 8 and maximum 24 hours later. Surface adhesion and primer requirement should be determined according to the application area to be used. Consult the technical office of CLEVER POLYMERS for information and solutions.

APPLICATION REMARKS

- Not recommended for unstable surfaces.

CONSUMPTION

- Minimum two layers should be applied.
- (Single layer for 1,5 mm dry film thickness):1,5 kg/m²
- 2 layers and 2,5 kg/m² for 4-5 mm of crack bridging.

CLEANING

After the application, all tools should be cleaned with suitable solvent.

PACKAGING AND COLOR

It is grey and in 14 kg plastic buckets.

STORAGE AND SHELF LIFE

The product can be stored for a maximum of 12 months in its unopened original package at temperatures between +5°C and +25°C. Opened product should be used as soon as possible.

PRECAUTIONS

The product should be used in well ventilated environments. The product should not be in contact with open fire. Smoking should not be allowed during application. Protective gloves and masks should be used for hands and eyes during application. If the material comes into contact with eyes, it should be washed immediately with sufficient water. For more detailed information, ask for Safety Data Sheet (MSDS) from CLEVER POLYMERS technical department.

TECHNICAL DATA

QUALIFICATION	METHOD	FEATURE
Coating Type	Clever Lab.	MS Polymer
Application Temperature	Clever Lab.	Between +5°C - +35°C
Hardness	ASTM D2240, DIN 53505, EN ISO R868	> 30 (Shore A)
Elongation at break	ASTM D 412 (+23°C)	> 700%
Crack Bridging	Clever Lab.	4-5 mm (at 2,5 mm dry film thickness)
Service Temperature	Clever Lab.	Between -25 - +80°C
Tack Free Time	25°C / 55% RH	6-8 hours
Recoat Time	Clever Lab.	8 - 12 hours



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ECO FRIENDLY SYSTEM WATERPROOFING MEMBRANE