

Torggler

Waterproofing

AQUATECH RAPID

Elastic, single-component, quick-hardening liquid waterproofing membrane in water emulsion for exterior and interior waterproofing.



- High elasticity
- Rapid hardening
- Resistant to water stagnation
- Good walkability
- Coatable with ceramics
- High initial solar reflectance index (SRI) for white version



APPLICATION AREAS

- Waterproofing and protection of all types of building coverings: roofs, roofing, balconies, terraces, as well as eaves, cornices, chimneys.
- Waterproofing of wet rooms (bathrooms) with successive ceramic coating.
- Waterproofing of old bituminous surfaces only possible with Aquatech Primer.
- Waterproofing of old ceramic floors, with suitable reinforcing fabric Tessuto NT 50 or Black Hydro Tex placed between coats.

TYPES OF SUBSTRATE

- Mineral porous substrates (concrete, screed, plaster) and pre-existing liquid membrane waterproofing.
- Bituminous, porous crumbling, non-porous and metal substrates after treatment with Aquatech Primer (note: for metal substrates with evidence of corrosion, the initial application of an anti-corrosion primer is recommended).

TYPE OF MATERIAL TO BE LAID

Once dried, Aquatech Rapid forms a waterproof elastomeric film that does not need any further protection. In bathrooms and wet environments, it is possible to coat the dried layer of Aquatech Rapid with ceramics, in accordance with EN 14891.

MAXIMUM ATTAINABLE THICKNESSES

Aquatech Rapid can be applied by roller, brush, spatula or airless pump. Regardless of the application method, Aquatech Rapid should always be applied in at least 2 coats, if possible in different colours, at a rate of approx. 300-500 g/m² per coat, in order to ensure a minimum applied quantity of 1.0 kg/m² or more, which guarantees a minimum dried thickness of 0.5 mm. Once installed, the product's reaction to fire rating is class B2 according to DIN 4102, Part 1.

TECHNICAL SPECIFICATIONS

PARAMETER	VALUE
Application temperature	from +15 °C to +35 °C
Density	1,54 g/ml
Viscosity	61 Pa*s
Dry content	77%
pH	8
Consistency	paste
Initial tensile adhesion* (EN 14891 A.6.2 \geq 0,5 N/mm)	1,0 N/mm ²
Tensile adhesion after immersion in water* (EN 14891 A.6.4 - \geq 0,5 N/mm)	0,5 N/mm ²
Tensile adhesion after heat exposure* (EN 14891 A.6.5 - \geq 0,5 N/mm)	1,7 N/mm ²
Tensile adhesion after freeze-thaw cycles* (EN 14891 A.6.6 - \geq 0,5 N/mm)	1,2 N/mm ²
Tensile adhesion after immersion in lime water* (EN 14891 A.6.9 - \geq 0,5 N/mm)	0,7 N/mm ²
Water impermeability (EN 14891 A.7 - no penetration)	no penetration
Weight gain (E20 g)	2,5 g
Crack bridging ability under standard conditions (EN 14891 A.8.2 - \geq 0,75 mm)	2,80 mm
Classification according to EN 14891	DM
APPLICATION DATA (at +23 °C - 50% r.h.)	
Consumption	1 kg/m ² per layer with 0.5 mm thickness
Waiting time between first and second coat	approximately 60 minutes when dry to the touch
Waiting time for the coating to be laid	3-5 hours
Color	Grey, White
Packaging size	15 kg, 6kg
Packaging	bucket
Pallet	33 buckets, 64 buckets

The information contained in this document is reported on the basis of our experience and knowledge; therefore, any recommendations and suggestions made are without any guarantee and must be verified before using the product by those who intend to use it, who assume all responsibility that may result from its use since the conditions of use are not under our direct control. In case of doubt, it is always advisable to make preliminary tests and/or ask for the intervention of our technicians. Torggler reserves the right to modify, replace and/or delete the items, as well as to change the product data in this document without prior notice; in this case the indications given here may no longer be valid. Always refer to the latest version of the data sheet, available at www.torggler.com. Version 27.03.2024.