

Waterproof.

AQUAFIN®-RS300

Rapid setting
hybrid waterproofing

SCHOMBURG

The SCHOMBURG Group develops, produces and markets high quality building product systems for

- Construction waterproofing
- Construction restoration
- Tiles/natural stone installation
- Screed installation
- Civil engineering
- Surface protection
- Concrete technology

SCHOMBURG is recognised for its development competency and is distinguished both nationally and internationally with over 75 years in the market. System based construction products from its own production plants are held in high esteem throughout the world.

Industry professionals value the level of service provided by the SCHOMBURG Group, along with our large range of high quality products.

In order to stay at the forefront of a continuously advancing market we are always investing in research and development of new and current products. This guarantees high quality products, which in turn leads to customer satisfaction.

 **SCHOMBURG**

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AQUAFIN®-RS300

Rapid setting hybrid waterproof membrane

The **AQUAFIN®** brand of products has been providing effective and secure protection against water ingress for buildings and structures across the globe for many years. The flexible, crack bridging cementitious products are a brand highlight and play a special role in waterproofing.

When working with embedded fabrics or joint tapes - especially for treating details and penetrations - the "bottom" layer of the waterproofing takes longer to cure because it is covered and not exposed to the air. **AQUAFIN®-RS300's** unique chemistry cures faster even under "covered" situations, providing additional security, speeding up construction and allowing subsequent tiling work to start sooner.

Fast. Secure. Waterproof.

AQUAFIN®-RS300, a self cross-linking reactive slurry coating, is the next generation. This product innovation achieves the goal of effectively optimizing the curing time of these product types, combined with a fundamental increase in the products function, even under extreme construction conditions.

By taking a new approach to the formulation of **AQUAFIN®-RS300**, the product is able to achieve higher elongation rates than typical.

The chemical reaction within **AQUAFIN®-RS300** forces water out of the product faster and speeds up the curing process which achieves the desired PCC-Hybrid structure: In only 24 hours the internal cross-linking reaction produces the same elongation rates that typical cementitious slurries can only achieve after 28 days!

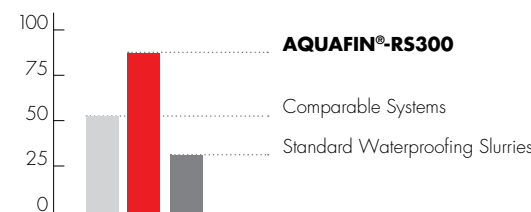
Properties and Advantages

Fast

- Can be applied to matt-damp substrates without priming
- Brush, trowel or spray application
- Very fast curing, even under extreme conditions, such as low temperatures
- Exposure quickly to:
 - Rain after ~ 6 hours
 - Water splashes after ~24 hours
 - Water pressure after ~72 hours
- Tiled over after ~6 hours
- Drainage & protection boards can be installed after approx. 6 hours

Secure

- Excellent crack bridging, 60% higher flexibility



- Breathable, resistant to frost, UV and weathering
- Excellent tensile adhesion and tear strengths
- Excellent pressure resistance
- For wet rooms, balconies, patios and swimming pools

Waterproof

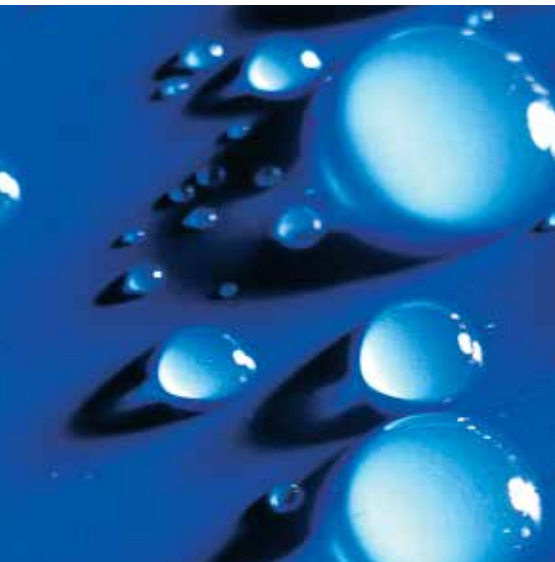
- Cures through self cross-linking reaction
- Easy and "smooth" application
- Waterproof accord. to DIN 1045
- Resistant to negative hydrostatic pressure
- Resistant to water aggressive to concrete
- Tested to DIN 18195, Part 2



Reliable waterproofing even when dealing with difficult details and penetrations.



Example: "Wiesbaden" swimming pool gutter



Pole position...

AQUAFIN®-RS300 offers planners and applicators added security in waterproofing, especially when dealing with projects which are under strict time limits or when working in colder climates. Curing times are so much faster and less affected by weather conditions, that drainage and protection boards can be installed after 6 hours and backfilling can be carried out a mere 24 hours later! When waterproofing in enclosed areas (water tanks, biogas containers, etc.) the product is much more tolerant against potential air damp environments so that forced air drying and climatization can be drastically reduced.

