

Adva-AquaGuard Elastic G/W

ADVAMIX ادفامكس

Product description

A highly flexible with crack-bridging capacity, polymer-modified, two-component cementitious waterproofing membrane. Formulated to be applied over different concrete and masonry substrates by using a trowel, brush or with a roller. AquaGuard Elastic is an improved cementitious based waterproof membrane and protective slurry with a high performance in interior and exterior use for wall & floor application. AquaGuard Elastic mainly use for damp-proofing/waterproofing of wet areas; swimming pools, water features and fountains, balconies and terraces over unoccupied space.

Characteristics / Advantages

- Waterproofing membrane for bathrooms, balconies, terraces, showers, swimming pools etc. before laying tiles using a compatible Advabond adhesive.
- Easy and fast mixing and application.
- Apply on horizontal, vertical, and overhead surfaces, both interior and exterior.
- Excellent for waterproofing application over different substrates such as render, plaster, plasterboard, or any cementitious surfaces, lightweight cement blocks, plywood and most commonly used building substrates.
- A highly flexible & anti-carbonation and protective membrane for concrete structures.
- Suitable for waterproofing the natural stone including marble, granite, travertine, etc. to prevent water ingress from underneath.
- Excellent adhesion. Bonds to porous and nonporous surfaces.

Where to use

- Horizontal & vertical surfaces subjected to wet conditions (bathrooms, balconies, terraces, showers, swimming pools, fountains and water features, etc.)
- For internal and external waterproofing and damp-proofing concrete surfaces, blockwork and brickwork.
- Natural stone backside surfaces for protection & sealing against the deleterious effects of underneath salts and damp-proofing.
- For interior and exterior waterproofing of basements.

Packing

Full Set of 17.5 kg

- Plastic bag of 12.5 kg in Grey & White colors.
- Plastic container of 5 liters

Limitation

- Don't allow the product to come in contact directly with any of non-recommended surfaces such as metal, glass, vinyl, aluminum. etc. during the product application.
- Do not apply externally when rain is expected.

Product properties

Appearance	Grey & white
Mixing ratio	2.5 Powder: 1 Liquid
Consistency	liquid fluid
Pot life	1 hour
Density of mix	1.5 g/cm ³
pH of mix	≥ 12
Application temperature	from 10°C to 40°C
Recoat Times	2 hours minimum between coats



Application Instruction

1. Substrate preparation

AquaGuard Elastic should be applied on clean, level, load-bearing, and compacted substrates, free of any substance that reduce adherence such as grease, paint coating, oil, dust, bitumen, and other loose materials.

2. Mixing

AquaGuard Elastic supplied in a factory proportioned package. Mix mechanically using a low-speed drill (400–600 rpm) the entire contents of part A (powder) and Part B (liquid) together for a few minutes until a perfectly homogenous lump-free mix is obtained, and make sure that no powder remains stuck to the sides or the bottom of the container. Let the mix rest for 1 min then remix again before using.

3. Application

Apply the mixed fluid paste with a roller, brush, trowel or hopper-type spray equipment. Surface should be pre-wetted by water prior to the application process. Smooth off the prepared surface by applying the first coat of AquaGuard Elastic with a suitable tool. Alkaline resistant fiber glass mesh can be used and embedded in the fresh first coat layer especially in corners and curved area to act as reinforcement. Then, apply the second coat on top of the first coat when it has set to achieve, a final thickness not less than 2 mm. Two coats applied in opposite directions (X & Y axis) are highly recommended for maximum performance.

Remove and dispose any unworkable mix. Fresh excess mortar can be removed with water. Allow approx. 5 days for curing before starting the tiling process and protect the applied membrane from exposure to traffic or water until fully cured.

Consumption

Approx. 1.6 kg/m² per mm of thickness.

Flood Testing

Allow AquaGuard Elastic membrane to cure fully before flood testing, approximately 5-7 days.

Warning

- Keep out of reach of children.
- Protect can from frost & sunlight.
- Do not disperse into the environment after use.
- Although the technical details and recommendations contained in TDS correspond to the best of our experience and knowledge, all the above information must, in every case, be taken as merely indicative and subject to confirmation after long-term practical application; for this reason, anyone who intends to use the product must ensure beforehand that it is suitable for the envisaged application. In every case, the user alone is fully responsible for any consequences deriving from the use of the product.

Note

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control. Please note that as a result of specific local regulations the performance of this product may vary from country to country. Please consult the local Product Data Sheet for the exact description of the application fields. Information on this datasheet is subject to change without notice and should not be used for writing specification. For additional information on specific applications, please contact Advamix L.L.C. The information contained herein, particularly recommendations for the handling and use of our products, is based on our professional experience. As materials and conditions may vary with each intended application, and thus are beyond our sphere of influence, we strongly recommend that in each case sufficient tests are conducted to check the suitability of our products for their intended use. Legal liability cannot be accepted on the basis of the contents of this data sheet or any verbal advice given, unless there is a case of willful misconduct or gross negligence on our part. This technical data sheet super sides all previous editions relevant to this product. Advamix reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.

