

Aquaguard EXPRESS GRIP

Acrylic waterproofing with quartz



DESCRIPTION

Aquaguard EXPRESS GRIP is an acrylic based elastomeric, waterproof coating with quartz particles for better grip. Its advanced formulation offers excellent workability, ideal for walls and floors, under tiles and facings.

Aquaguard EXPRESS GRIP is suitable for application on concrete, gypsum, plaster, drywalls, plasterboards, anhydrite screed and others mineral bases. It can also be used over floor heating.

Aquaguard EXPRESS GRIP is suited for internal and external applications.

APPLICATIONS

Aquaguard EXPRESS GRIP is designed for use as:

- » Waterproofing in kitchens, baths, balconies and terraces.
- » Waterproof coating over cementitious and gypsum plasters, drywalls, plasterboards and other mineral based surfaces.
- » Waterproof coating over floor heating.

ADVANTAGES

- » Fast drying.
- » Provides a strong bond with the substrate and the tile adhesive.
- » Elastomeric - remains flexible without cracking.
- » Seamless coating that provides a uniform protective layer over the substrate.
- » Single component - convenient and easy to use, no need for complex mixing.
- » Easy to apply.
- » Will not support fungus growth.

STANDARDS

Aquaguard EXPRESS GRIP complies with EN 14891 as class DMO1.

METHOD OF USE

SURFACE PREPARATION

Surfaces should be clean, sound, and free from oil, grease, dirt, and loose particles. The substrate should be dry, with no standing water. Repair spalled surfaces, cracks, and defective concrete. New concrete substrate should be at least 14 days old.

TECHNICAL PROPERTIES @ 20°C:

Colour:	White
Density:	1.35 ± 0.05 g/ml
Solid content:	64 ± 2%
pH:	8 - 9
Application temperature:	5 to 30°C
Curing time:	
First coat	4 hr @ 23°C
Second coat	4 hr @ 23°C

Performance Characteristics	EN 14891 Requirements	Measured Value
Initial tensile adhesion strength EN14891, A.6.2	≥ 0.5 MPa	0.9 MPa
Tensile adhesion strength after water contact EN14891, A.6.3	≥ 0.5 MPa	0.7 MPa
Tensile adhesion strength after heat aging EN14891, A.6.5	≥ 0.5 MPa	1.0 MPa
Tensile adhesion strength after freeze-thaw cycles EN14891, A.6.6	≥ 0.5 MPa	1.0 MPa
Tensile adhesion strength after contact with lime water EN14891, A.6.9	≥ 0.5 MPa	1.3 MPa
Waterproofing EN14891, A.7	No penetration and ≤ 20 g of weight gain	Pass
Crack bridging ability under standard conditions: EN14891, A.8.3	≥ 0.75 mm	6.21 mm
Crack bridging at low temperature (-5°C) EN14891, A.8.3	≥ 0.75 mm	4.25 mm

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APPLICATION

Aquaguard EXPRESS GRIP can be applied using a brush or roller. Porous surfaces should be primed with Grundix DP. Allow the primer to dry before applying the first coat of Aquaguard EXPRESS GRIP.

It is recommended to use products from Aquaproof TAPE range for reinforcement in angles between the wall and floor and around pipes and siphons. The reinforcement should be embedded firmly in the first coat of Aquaguard EXPRESS GRIP. Allow the first coat to cure for 4 hours, depending on the ambient temperature.

The second coat of Aquaguard EXPRESS GRIP should be applied perpendicular to the first coat. Overcoating with ceramic tiles can be done after the second coat has fully dried.

Notes:

- » *Aquaguard EXPRESS GRIP should not be used at ambient temperatures below 5°C.*
- » *Aquaguard EXPRESS GRIP should not be applied on surfaces expected to suffer from rising dampness or relative humidity greater than 75%.*
- » *If applying Aquaguard EXPRESS GRIP on anhydrite screeds and gypsum-bound levelling compounds, moisture content must be less than 0.5% by weight.*
- » *If applying Aquaguard EXPRESS GRIP on gypsum plasters, thickness of the plaster layers must be greater than 10 mm and moisture content must be less than 1.0% by weight.*
- » *For the application of ceramic tiles, whether interior or exterior, use tile adhesives that comply with EN 12004:2014.*

CLEANING

All tools should be washed and cleaned immediately after use with clean water.

PACKAGING

Aquaguard EXPRESS GRIP is available in 1, 5, 15 kg packs.

Grundix DP is available in 5 litre packs.

COVERAGE

Approximately 0.7 - 1.1 kg/m² per coat. A minimum of 1.4 kg/m² should be applied in two coats.

STORAGE

Aquaguard EXPRESS GRIP has a shelf life of 12 months from date of manufacture if stored in proper conditions, at temperatures between 5°C and 35°C.

If these conditions are exceeded, contact DCP Technical Department for advice.

CAUTIONS

HEALTH AND SAFETY

As with all acrylic coatings, care should be taken during use and storage to avoid contact with skin, eyes and mouth.

Wear suitable protective clothing, gloves and eye/face protection.

Should accidental skin contact occur, remove immediately with plenty of clean water. If swallowed, seek medical attention immediately - do not induce vomiting.

For further information refer to the Material Safety Data Sheet.

FIRE

Aquaguard EXPRESS GRIP is nonflammable.

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Note:

We endeavour to ensure that any information, advice or recommendation we may give in product literature is accurate and correct. However, because we have no control over where and how products are applied, we cannot accept any liability arising from the use of the products.

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