

Aquaguard

Liquid membrane waterproofing system for floors and walls



“maintenance made easy”



PRODUCT DESCRIPTION

Aquaguard is a single pack liquid membrane waterproofing system based on styrene butadiene, having outstanding flexibility and elasticity with excellent resistance to water pressure, water vapour permeability, abrasion and UV light. It also offers double the carbon dioxide resistance recommended for anti-corrosion coatings.

TYPICAL USES

Aquaguard is a versatile product and may be applied to both floor and wall surfaces for a variety of purposes, either alone or as part of a multi-layer system. Used as a waterproof membrane under self-smoothing screed, Aquaguard displays excellent bonding characteristics. It is ideal for lining floors and walls for tanking purposes as well as for waterproofing basements and roofs, and is also suitable for use under ceramic tiling as a secondary protection in wet areas.

SUITABLE SUBSTRATES

Aquaguard may be applied to brick, block, concrete, render and stone.

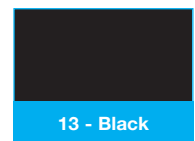
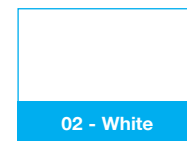
PACKAGING

Aquaguard is supplied in 5L and 20L units.

COLOUR GUIDE

Aquaguard is available as standard in Black and White.

Contrast in colour between the first and second coat is advisable as a visual aid to ensure total coverage of both coats.



PHYSICAL PROPERTIES

Viscosity – 2800-4300 mPas

Water pressure resistance – 0.2N/mm²
equivalent to 20m head of water
(Test: 0.6mm Dry Film Thickness)

Water vapour permeability <4g/m²/24hrs
(Test: 0.6mm DFT @ 25°C/75% RH BS3177)

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

The substrate must be sound, clean and free of loose or friable materials, dust, chalk, oil and grease contamination, mould or algae.

All surfaces should be smooth with a trowelled or brushed finish, and brick-work should be flush pointed.

Aquaguard may be applied to damp surfaces but any surface water must be removed.

PRIMING

No priming is necessary.

Very dry surfaces may be dampened with water to assist adhesion.

APPLICATION

Stir thoroughly before use.

Aquaguard must be applied to a minimum of 0.6mm Dry Film Thickness (DFT) to provide a vapour barrier. This may be applied by brush, roller or airless spray.

Brush and roller – apply to recommended DFT by a minimum of two coats, re-coating at right angles, when the previous coat is touch dry, normally after one hour, and in any case not exceeding 24 hours to ensure a good intercoat bond.

If a screed is to be applied over the *Aquaguard* membrane, the second coat may be used as a primer for this screed.

Airless spray – the recommended 0.6mm DFT may be achieved in a single application.

CURING TIME

The curing time of *Aquaguard* may vary between 1 hour and 12 hours depending on application temperature, moisture content of the substrate and relative humidity.

Handy tip: When applying *Aquaguard Black*, an hour should be allowed after the colour has changed from blue to black, before re-coating.

APPLICATION CONDITIONS

The application temperature must be above +7°C.

The curing time will be greatly extended at low temperatures.

Do not apply if the coating is likely to be subjected to rainfall before it has dried.

COVERAGE

The coverage may be varied as appropriate to the application:

For maximum water pressure resistance – *Aquaguard* is designed to withstand the equivalent of 20 metres head of water at 0.6mm DFT.

To achieve this dry film thickness, the coverage rate needs to be 1.1 litres/m² applied in 2 coats each of 0.55 litres/m².

For general waterproofing purposes – *Aquaguard* will cover approximately 36m² per 20L unit when used as a damp proof membrane, subject to the texture and porosity of the surface.

This is normally achieved in 2 or 3 coats.

CLEANING

Tools and equipment should be cleaned whilst product is still wet, using warm soapy water.

Hands and skin should be cleaned immediately with Organic Hand Cleaner.

SHELF LIFE & STORAGE

Shelf life is 12 months minimum subject to conditions of storage.

Store at a temperature between 5°C and 30°C. Protect from frost.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline
01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

REV: 06/17