

Aquadec Top Coat

An incredibly tough, highly flexible 100% waterproof system



“maintenance made easy”



PRODUCT DESCRIPTION

Aquadec is a two part system comprising of a first coat of Aquadec DPM followed by a coat of Aquadec Top Coat.

The Aquadec DPM is an extremely fast drying, non-toxic, non-taint single pack product that is very easy to use. Not only will it adhere to damp surfaces but will even bridge small cracks.

The Top Coat is a decorative, twin pack cementitious coating available in two grades.

TYPICAL USES

Aquadec is ideal an ideal solution to many long standing waterproofing problems, such as balconies, walkways, car park decks, basements, abattoirs, silage clamps, grain stores, dairies, piggeries, changing rooms and footpaths.

SUITABLE

Aquadec may be applied to tiles, asphalt, concrete, plasterboard, plaster, plywood, brick, glass, rubber, steel, lead, asbestos, tarmac, floor screeds.

Aquadec is available in buff, grey, white, terracotta, green and black.

Aquadec is supplied in three parts as a single pack DPM and a twin pack Top Coat. Available in two grades – Pedestrian or Vehicular – and in pack sizes that will cover either 10 sq.m., 20 sq.m. or 40 sq.m.

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. Remove any oil or grease using Polycote *Degrease IT*.

Any damaged areas should be repaired and primed – please contact the Polycote Technical Helpline for further advice.

New concrete should be at least 4 weeks old and the weak dusty laitance should be removed using Polycote *Etch IT*.

PRIMING

If applying to steel in damp or corrosive environments, a corrosion inhibitive primer should be applied

DIRECTIONS FOR USE Cont.

before application of the membrane.

MIXING

The ideal mixing tool is a slow speed drill fitted with a multi action mixing paddle. Suitable mixing paddles can be purchased from Polycote.

The unit of material supplied is based on the standard mix of 10 litres of liquid to 25 kgs of powder (i.e. 1 part liquid to 2.5 parts of powder) but it should be noted the ratio of liquid to powder can be adjusted to suit individual applications in terms of surface, usage and prevailing temperature. The ratio can vary from 1 part of liquid to between 1.8 up to 3.75 parts of powder.

For black, buff, terracotta and green versions, the liquid should be pre-stirred vigorously prior to measuring out the required quantity and adding the appropriate amount of powder. Pour the liquid into a clean open mixing vessel (e.g. the plastic container used to supply the unit) and always add the powder into the liquid slowly, continually mixing until all the powder to be used is added. Continue mixing for a further 2 to 3 minutes ensuring there are no lumps in the mix. The final consistency should be similar to that of a thick cream.

APPLICATION

Before application of *Aquadec Top Coat* to horizontal or vertical surfaces, ensure that surfaces are sound, clean and free of loose or friable materials, dust, chalk, oil and grease contamination, mould or algae.

Please note: by following this procedure and prior to applying succeeding coats the same procedure will aid the spread of the material.

CAUTION: Do not apply *Aquadec* on hot surfaces or at times of very strong sunlight and high temperatures as this could

accelerate the drying of mixed concrete and produce a very rapid cure of the applied material.

Aquadec Top Coat is extremely simple to apply. Apply by brush, roller, trowel or squeegee.

From the mixing vessel pour out a quantity of material that can be easily and uniformly spread using the selected tool over the appropriate area and finish to the desired texture before moving on to the next part of the mix. Repeat the mixing and application method until the selected area has been completed.

The Pedestrian grade will require one coat, whereas the Vehicular grade requires two coats. The second coat can be applied once the first coat has dried.

APPLICATION CONDITIONS

The normal application temperature range is between 5°C and 25°C. The temperature must not fall below 5°C as this may result in a non-cure situation. Do not apply if there is a risk of rainfall prior to full curing being achieved.

POT LIFE & CURING TIME

The pot life of *Aquadec Top Coat* once mixed is approximately 2 hours at 20°C. The curing time is within 4-6 hours, dependent on atmospheric conditions.

COVERAGE

The complete pack sizes are designed to cover either 10 sq.m., 20 sq.m. or 40 sq.m.

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 in unopened containers is approximately 12 months for the liquid and 3 months for the powder, subject to good conditions of storage.

Store in a cool, dry, frost-free environment away from sources of ignition, at a temperature not below 15°C.

HEALTH & SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the

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.

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