

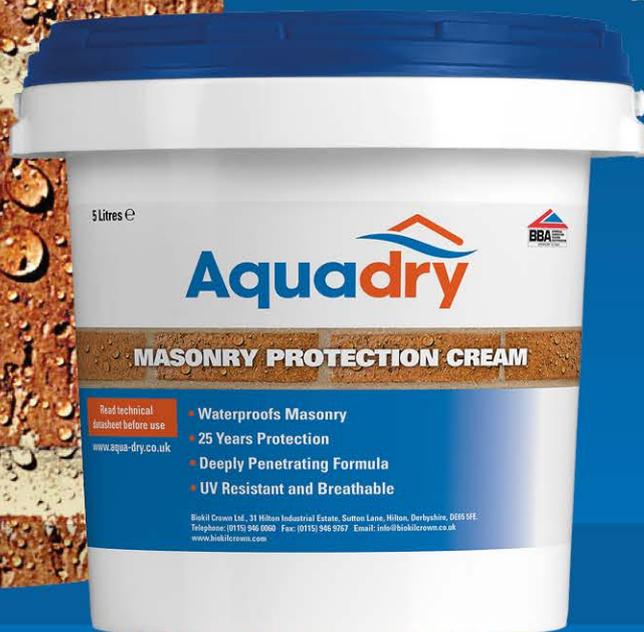


Aquadry®

Masonry Protection Cream

Code 1102
5 litre

Aquadry is a colourless, breathable, water-repellent treatment for brick, concrete and stone walls. Supplied as a deeply penetrating 'cream', applied in a single coat using a roller or brush. Once applied it permeates deeply into the wall before curing to form a water-repellent barrier.



aqua-dry.co.uk

Masonry Protection cream

Benefits

- Deeply penetrating for longer protection – up to 30 years
- Approved by British Board of Agrément
- Reduces energy bills by up to 29%
- Helps prevent internal condensation
- UV resistant – long life expectancy (25-30 years)
- Does not block pores – allows substrate to ‘breathe’ naturally
- Alkali resistant
- Tested to ISO 15148:2002 on a wide range of substrates – Including bricks, mortars, concrete and sandstone
- Bridges small gaps up to 0.3mm
- Easy to apply
- Single coat application – saves time
- Easy to estimate quantity of product required

Typical applications

- Protection against penetrating damp
- Improving thermal efficiency of masonry by keeping it dry (up to 29% energy saving)
- Maintaining thermal properties of cavity wall insulation
- Improving flood resistance of masonry

Aquadry is based on carefully selected silanes and siloxanes which line the pores of the masonry to form a water-repellent silicone matrix. Because it works by lining the pores rather than blocking them, the masonry is allowed to breathe reducing the risk of internal condensation, and does not suffer from an increased risk of frost damage (spalling). Due to its novel formulation and deep penetration, **Aquadry** is highly resistant to UV light and other forms of degradation, resulting in a life expectancy of up to 30 years.

Preparation

Please read the **Aquadry** Application Guidelines leaflet prior to application.

For best results, dirty surfaces should be cleaned with **Biokil Crown Biocidal Cleanser Concentrate** 2 to 3 days before the application of **Aquadry**, to the recommendations given in BS8221-1:2000, ‘Code of practice for cleaning and surface repair of buildings.



Cleaning of natural stones, brick, terracotta and concrete’. **DO NOT USE DETERGENTS.**

Aquadry should only be applied to dry, porous surfaces. It can be applied over existing (older) water-based microporous masonry paint and new **Biokil Crown Breathable Masonry Paint** once the new paint is thoroughly dry (average 2 weeks). If you wish to paint the surface after **Aquadry** has been applied, please leave for a minimum of 10 days prior to the application of **Biokil Crown Breathable Masonry Paint**.

For the treatment to be successful it is essential to check all joint and roof connections. Hairline cracks up to 0.3mm can be ‘bridged’ by **Aquadry**, however, it may be necessary to fill cracks in brick/stonework and repoint using a suitable sand/lime or sand/cement mortar.

Note: Test Area – **Aquadry** has been formulated to be colourless once cured. However, very slight darkening may occur when it is applied to some substrates. Although this will usually fade over time, a small, representative and inconspicuous test area should always be treated before full treatment begins.

Aquadry is intended for above-ground use only.

Application

Carry out surface preparation as described previously.

Ensure goggles and plastic or rubber gloves are worn during application.

Remove any loose mortar, dust etc. using a masonry brush. **Aquadry** can be applied by brush around details such as windows. Target coverage is 200ml/m², dependent on the masonry characteristics. Care should be taken to ensure that **Aquadry** does not splash onto glass, paintwork, plants etc.

Larger areas can be covered more quickly using roller application. **Aquadry** can also be applied by electric roller or spray – call our Technical department on **0800 028 1006** for details.

Check for any 'missed' areas that have not been treated (e.g. voids in brickwork, deep mortar beds) and apply **Aquadry** to these areas using a brush.

Aquadry appears white immediately after treatment – making it easy to tell which areas have been treated. 15-20 minutes after application, **Aquadry** starts to penetrate into the masonry. The masonry will be resistant to light rain after 2-4 hours.

After 24-48 hours the wall should have returned to its original appearance. As **Aquadry** is formulated to penetrate deeply into masonry it can take up to 2 months after application for a noticeable '**beading effect**' to appear when rainfall strikes the wall.

An **Aquadry** Gauge can be used to demonstrate the effectiveness of the treatment. This allows the water- absorption of the wall before and after treatment to be compared.

Content

Silanes and Siloxanes.

Coverage

5m² per litre (one coat only), depending on the roughness and porosity of the surface being treated.

Safety

Read the product label and Material Safety Data Sheet (MSDS) for full safety information.

Other products

Biokil Crown Biocidal Cleanser Concentrate

Surface preparation for Aquadry Applications

Used for surface preparation before the application of **Aquadry**. Effective against fungi, moulds and algae. Can be used on external hard surfaces such as concrete, masonry and driveways.



Aquadry Repointing Additive No. 1

Breathable repointing waterproofer

Aquadry Repointing Additive No. 1 is supplied as a concentrate that is diluted with water and used as a gauging solution for cement:sand and lime:sand repointing mixtures. It imparts water-repellency to the mortar whilst still allowing it to breathe.



Aquadry Repointing Additive No. 2

Repointing for flood protection

Aquadry Repointing Additive No. 2 is supplied as a concentrate that is diluted with water and used as a gauging solution for cement:sand and lime:sand repointing mixtures. **Aquadry Repointing Additive No. 2** is polymer modified, so breathability of the mortar is reduced, however, as well as providing water repellency, it imparts enhanced adhesion and flexural strength to the mortar. For this reason it may be specified on projects where flood resistance or resistance to wind-driven rain is required.



Masonry Absorption Test Kit

Surveying and testing tools

The **Aquadry Test Kit** provides all the basic equipment for measuring masonry absorption and suitability for use with **Aquadry Masonry Protection Cream**. Using **Aquadry Gauges** (similar to a Karsten tube or Rilem tube), masonry permeability can be measured before the application of **Aquadry** and one month after to demonstrate effectiveness.



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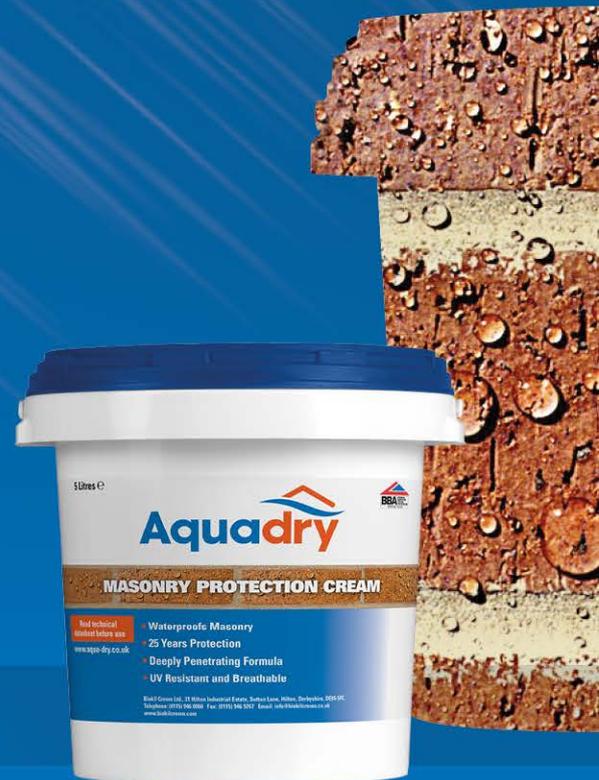


Biokil Crown Ltd
Unit 31, Hilton Industrial Estate
Sutton Lane, Hilton
Derbyshire DE65 5FE

t: 0115 946 0060
f: 0115 946 9767
e: sales@biokilcrown.co.uk
biokilcrown.co.uk



aqua-dry.co.uk



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