



# Masonry Protection Cream

Protects against penetrating damp for up to 30 years

Reduces energy bills by up to 29%

Keeps walls warm and dry

Reduces internal condensation

Easy to apply one coat application

Approved by British Board of Agrément (BBA)



[aqua-dry.co.uk](http://aqua-dry.co.uk)

# Water-repellent cream for masonry

When damp penetrates into masonry it makes it wet and cold, so heat can escape through walls more easily. Cold walls lead to cold houses.

Aquadry keeps water out of masonry and protects the walls by keeping them dry and warm. The special colourless formulation deeply penetrates up to 12mm into masonry, where it forms a UV-resistant and water-repellent barrier while letting walls breathe naturally. With an easy one coat application, Aquadry will protect brick, stone and concrete walls for up to 30 years without changing their external appearance.



1. Prepare the

## Wet Walls: The Problem

When walls become wet they have lower thermal efficiency and heat from inside can escape much more easily. It becomes more difficult to keep the building warm.

Over 30% of houses currently in the UK are single brick or stone construction (2007 English House Condition Survey). These can be difficult to insulate when:

- Internal Insulation takes up needed floor space
- Cavity wall insulation isn't possible
- External insulation can be unattractive and expensive

## Aquadry: The Solution

Aquadry repels rain and stops damp penetrating into walls. It reduces heat loss through single skin brick construction, and is scientifically proven to provide heating energy savings of up to 29%. Use Aquadry for simple, long-lasting masonry protection against cold and damp.

## Rain Protection

Aquadry protects bricks, mortar and stone from water penetration. It will resist rain penetrating through cracks in the masonry smaller than 0.3mm. Any larger cracks should be filled before applying Aquadry. Re-pointing work should be carried out on any mortar in poor condition using a suitable sand:lime or sand:cement mortar and Aquadry Repointing Additive.

## Energy Saving

Brick, mortar, stone and concrete are permeable materials that are worse insulators when wet; similar to how wet clothes feel cold. University test work has proven that Aquadry can halve conductive heat loss through brick. Aquadry treated house tests subsequently showed heating energy reductions of up to 29%.

## Penetration Depth

By deeply penetrating masonry (up to 12mm), more than traditional liquid-applied masonry water repellents (up to 4mm), Aquadry provides longer life expectancy and increased crack-bridging. Aquadry is not affected by masonry surface erosion and can penetrate beyond small surface cracks.

## Effectiveness

Aquadry has been tested on many different types of masonry, and is proven to work to EN ISO15148:2002 (E) on brick, mortar, concrete and sandstone\*. Aquadry should only be applied to dry and porous surfaces that are sealant free. It can be applied over existing microporous paint – for best results all paint should be removed. Aquadry is intended for use above ground only.

## Beading and Aquadry

Aquadry's in-depth curing means that a noticeable 'beading effect' can take up to 2 months to appear. However, Aquadry provides



masonry

2. Apply Aquadry by brush

3. ...or roller

4. Masonry cures to original appearance

resistance to rain within just a few hours of application. After 2-3 years the beading effect will become less pronounced, but Aquadry keeps on working for up to 30 years.

An Aquadry gauge can be used to confirm its effectiveness. See our 'Masonry Absorption Test Kit' guide for further details.

## Floodwater Resistance

Aquadry improves the flood resistance of masonry, and can be used as part of a full flood protection system. Before application any surface cracks in the wall should be repaired, and mortar courses repointed using Aquadry Repointing Additive No. 2 for flood protection.

Aquadry has high vapour permeability. This means that if flooding occurs, walls treated with Aquadry will dry out more quickly than painted walls.

Aquadry is a non-disruptive, invisible flood barrier that's installed with minimum disruption to the building.

## Aquadry Water-repellent Cream for Masonry

Aquadry is a breathable and colourless\* water-repellent treatment for brick, stone and concrete walls. Its deeply penetrating 'cream' formulation is applied by roller or brush in a single coat to the masonry surface. Once

applied Aquadry will penetrate deeply into the wall to form a water-repellent barrier. Typical applications for Aquadry include:

- Protecting against penetrating rain and damp
- Providing energy savings for homes
- Increasing floodwater resistance of masonry

## Benefits of Aquadry

- Protects against damp for up to 30 years
- Reduces energy bills by up to 29%
- Keeps walls warm and dry
- Reduces internal condensation
- Easy to apply in one coat
- Simple calculation of quantity needed: each 5 litre container treats up to 25m<sup>2</sup>
- Approved by British Board of Agrément (BBA)

See our website [aqua-dry.co.uk](http://aqua-dry.co.uk) for further Aquadry products and details.

\*Aquadry is not suitable for use on limestone. Please call our Technical Department for further advice on treating limestone.

\*Upon application Aquadry may cause very slight darkening in certain substrates. This usually fades with time, however a small, representative and inconspicuous test area should always be treated before full Aquadry treatment is undertaken.





# Masonry protection cream

- Single coat application, by brush, roller, electric roller or air spray
- 5 litre pack – coverage up to 25m<sup>2</sup>
- Can be used on brick, stone and concrete
- Deeply penetrating (up to 12mm)
- Allows masonry to breathe naturally
- Energy saving



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