FREEZTEQ®

FROZEN DAMP PROOF COURSE SYSTEM



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The Freezteq range of products have been developed around the hugely successful and innovative Freezteq Original stick, first brought to market in 1965.

Building upon this success, the new products have been designed to address associated problems of rising damp, as well as enabling the quick reinstatement of wall finishes.

The Freezteq Solution

For those structures that are subject to rising damp there will often be associated problems that need to be addressed. Stopping the rising damp is only part of the solution.

Latent moisture will remain in the structure above the damp proof course treatment line. To allow the wall to dry out naturally can take a significant amount of time. This can be hugely limiting on when the wall finishes can be reinstated and the rooms made habitable again.

In addition to this, there are often salts that have been drawn up the wall with the rising damp. These will also come out slowly with time, making the wall unsightly and reinstatement of finishes impossible. Reinstatement before the salts have completely come out will increase the risk of any new wall finishes debonding.

The Freezteq Solution addresses problems associated with traditional damp-proof treatments.

Not only does it stop the rising damp, it allows for quick reinstatement of wall finishes with its innovative render system.

The Freezteq System

Freezteq Original

Freezteq Original comprises of a pre-packed solution, containing active ingredients, which is frozen before use. Once holes have been drilled into the mortar line of the wall, the frozen sticks are inserted directly into them. This methodology is the most direct way of tackling the damp head-on, targeting the major pathways for rising damp.



The product is extremely effective because of the manner in which it slowly disperses the active chemicals throughout the capillaries. The Freezteq Original stick, with its unique frozen application methodology, offers so many advantages over other competing products to include:

Technical Advantages

- It is non-pressurized – this limits the potential damage that some pressurized systems can create.
- Easy to quantify the exact amount required to treat a wall.
- Using the same medium to carry the active ingredients (water), it targets exactly where the problem is.
- Still allows the structure to breathe as normal.

Practical Advantages

- Simple and quick application.
- External or internal application.
- Versatile- can treat a variety of masonry types and wall widths.
- No specialist equipment needed.
- Odourless.
- Non- flammable.

The pure simplicity of the Freezteq rising damp solution is key to its efficacy; the product gets the correct dose to the targeted area every time. Sometimes the best things in life are the simple ones.

Freezteq BR-Base



Freezteq BR-Base is a highly porous material that exhibits water repellent properties. It is designed for the internal restoration of damp masonry structures.

Its composition assists with the natural drying out of the brickwork retaining salts within its highly porous structure. As a result of these combined properties, it protects renders, plasters and even topcoats of paint from moisture damage.

- Exhibits high diffusive permeability.
- High absorption capacity for salts.
- Long-term ability to suppress the effects of moisture.

Freezteq BR-Finish



Freezteq BR-Finish is used as the final coat of the breathable render system, providing a fine finishing layer. It is applied manually up to a thickness of 2mm.

- Exhibits a low diffusion resistance – allows transmission of water vapour.
- Provides a suitable application base for the appropriate paint coatings.
- Final surface provides an architectural finish.

Freezteq BR-Bond



Freezteq BR-Bond is an effective adhesive coating, used to ensure good anchoring of the Freezteq BR-Base to substrates.

- Mixed only with water.
- Good adhesion to base.
- High porosity.
- Low diffusion resistance to water vapour.

Freezteq APD-10

Freezteq APD-10 is a product designed to prevent the ingress of damp into the surface of masonry, concrete, and tiles. It can also be used on natural or synthetic stone. The product is suitable for both internal and external applications.

The product creates a barrier against water ingress on the treated surface. The coating is hydrophobic and as such repels water when it comes into contact with it, whilst still allowing the substrate to breathe.

- Eco-friendly; water-based.
- Has no influence on vapour permeability of the treated substrate.
- Significantly decreases absorption properties of the treated substrate.
- Significantly increases the chemical resistance of the treated substrate.
- Significantly increases the frost resistance of the treated substrate.

Freezteq AM-10

Freezteq AM-10 is designed for use in the removal of algae, lichens, mosses, fungi and the like from building surfaces.

Typically, it is used for cleaning walls, roofs, paving, swimming pools, fountains, tennis courts, terraces, balconies, façades, statues, etc. It can also be used as a preventative, protective coating on new and existing structures.

- Eco-friendly.
- Does not affect vapour permeability of treated surfaces.
- Prevents the formation of most types of algae, lichens mosses and fungi.

Freezteq AG-10

Freezteq AG-10 is designed for the protection of new and existing structures from unwanted graffiti.

- Protects new and existing structures against unwanted graffiti.
- Graffiti can be easily cleaned off treated surfaces.
- Suitable on a variety of mediums to include façades, facade linings, synthetic marble, concrete structures, noise barriers etc..
- Typically, treatment does not affect water vapour permeability of parent structure.
- Eco-friendly.
- Appearance of the treated structure remains unchanged after application.

About Freezteq

Freezteq Damp Proof System



Freezteq® has been providing a solution to rising damp since 1965.

Highly diverse, Freezteq has been used to eradicate rising damp in a multitude of buildings worldwide, with repeated success.

Our History

Working part-time for a building company in Hertfordshire, whilst also studying at Reading University, a young entrepreneur noted the continuous and significant issue of rising damp on so many construction sites.

The fledgling businessman had familiarised himself fully with the limitations of the systems available, and the decision was made to develop a better solution, with the gravity, 'bottle fed' system being selected as the basis of the way forward. Acutely aware that refinements were needed to be made to make it a more effective system, the journey began to find the best solution.

Using tins as the receptacle to hold the chemical in his 'bottle fed' system, this improvisation was to prove a critical step in developing Freezteq Original. One morning whilst attending site, he noted the frozen dew on the outside of one of the metal tins. This started a thought process that would ultimately lead to a revolutionary change in the rising damp industry.

Just suppose the product was frozen?



The product could then steadily melt, allowing the material to diffuse at a rate more manageable. This in turn would allow broader penetration of the material ensuring a more comprehensive, complete retrospective damp proof course to be installed.

This 'light bulb moment' was the catalyst for change. Trials and testing were undertaken, initially using the ice trays from his freezer to create cubes of the product, which in turn were placed in funnels on site. The system worked, but there was still room for improvement. This want for refinement played on his mind until one 'Eureka' moment two years later, at 2am in the morning, he woke with a start. Why not form the chemical into rods that could easily be inserted into the wall, eliminating the need for any additional apparatus? Using copper tubes, he carefully poured the chemical in to create the rods. Once frozen, he quickly dipped them into hot water to help ease them out of the tubes...and there it was... the first true prototype of Freezteq Original as we know it today.

The new product was unique. The slow melting process allowed the key active ingredients within the product to be dispersed comprehensively throughout the substrate. Following the same pathways as the rising damp, it thus proved to be extremely effective at directly tackling the problem.



Freezteq Original, as we know it today, was born.

And so, in 1965, Freezteq Original, the product now widely used around the world, was born. With a few minor and subtle amendments, such as replacing the copper pipes with alternative packaging, the product went from strength to strength.

But it's difficult to keep a good product quiet, and it was not long before it was gaining attention from around the world. The inventor of this brilliant new product was soon being quizzed on it, with reluctant appearances on Swiss TV after winning the Gold Medal at the Salon International des Inventions et des Techniques Nouvelles in Geneva. International success with the product soon followed, despite the reserved nature of the man behind it.

Today, under new ownership, Freezteq Original is relaunched together with a range of supporting products that provide the complete solution, available worldwide.



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