



# Smart Surface Solutions

Waterproofing and Damp Proofing Specialists

## SURFAPORE® C

Product Information Page

SurfaPore® C is a water-based, liquid water repellent that dries clear, suitable for use on vertical and horizontal cement-based materials, mortars, and limestone surfaces.

### Specification Tip for Design Professionals:

SurfaPore® C may be specified by name or by using the following description: a propriety nanotechnology formulated water repellent, which is UV resistant and highly breathable, designed for use on cement based materials, mortars and limestone surfaces.

### How does SurfaPore® C work:

The special nanotechnology formulation used in SurfaPore® C penetrates deep into the pores of the substrate, clinging to the sides of the pores and repelling water and moisture away from the surface. SurfaPore® C is not a pore blocker, this means the surface is allowed to breath and moisture can evaporate through the open pores (unlike coatings such as “Gloss Paint” which seals/blocks the pores and won’t allow moisture to evaporate) of the surface.

### How do I prepare the surface before applying SurfaPore® C:

In order to provide a clean surface it is highly recommend that surfaces are pre-treated with DeSalin® AM washed down with clean potable water and allowed to dry prior to the application of SurfaPore® C.



- ✓ Simple and easy to use
- ✓ Environmentally friendly and non-hazardous
- ✓ Improves thermal resistance
- ✓ Increases freeze/thaw resistance
- ✓ Allows substrate to breathe
- ✓ Water based and non-toxic
- ✓ Maximum water protection within 24 hours

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## How do I apply SurfaPore C :

SurfaPore® C may be applied by soft brush, roller, or low pressure sprayer. It is used undiluted and is normally a one coat application, however very porous surfaces may require an additional coat (the additional coat should be applied within 3 hours of the first coat). SurfaPore® C should be applied at the rate of 8-10m<sup>2</sup> per litre (depending upon the porosity of the surface).

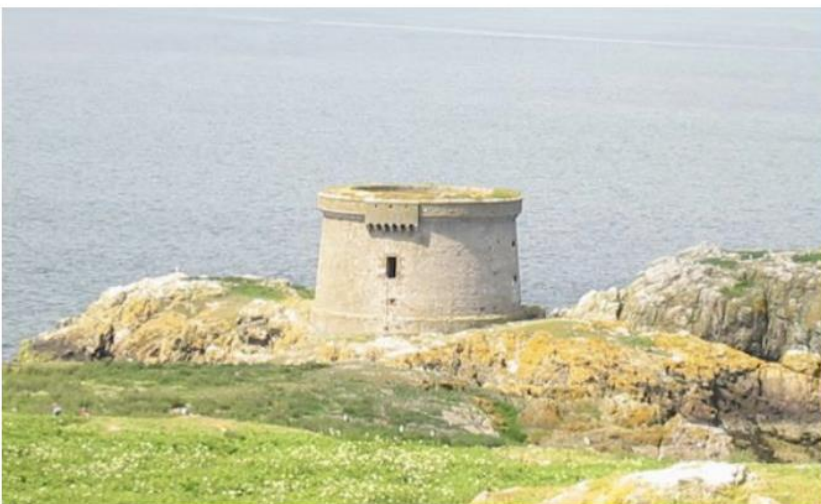
Surfaces treated with SurfaPore C should be protected from rain for 24 hours after application. SurfaPore C should not be applied if temperatures are 5°C or below or are expected to fall below 5°C in the following 24 hours. SurfaPore C may also be used as an additive for sand-cement mixes by diluting with 3 parts clean potable water and using as the mixing liquid, making it suitable for use in the manufacture of cement/concrete pre-cast units.

Note: SurfaPore C should not change the appearance of the surface, however a small test area is always recommended.

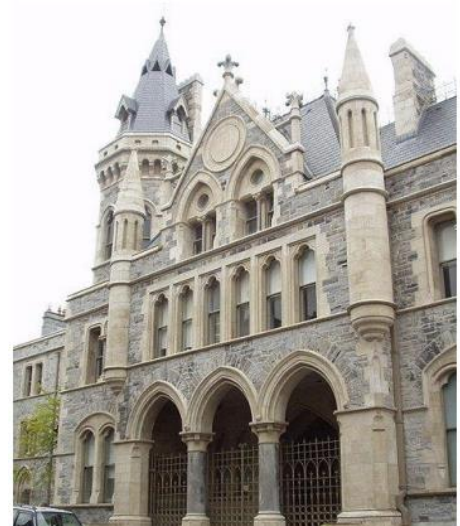
## How do I store SurfaPore C :

SurfaPore® C is a water-based, non-hazard material. Product should be stored in the original manufacturer's sealed container and protected from frost.

## Project references featuring SurfaPore® C include:



**Muckamish Fort Martello Tower**



**Sligo Courthouse**

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### TECHNICAL DATA:

Appearance	Milky white coloured emulsion
Optimum Application Temperature	Plus 5°C
Coverage (surface applied)	8-10m <sup>2</sup> per litre (depending upon the porosity of the surface)
Boiling Point / Flash Point	>100°C
Density	1.01g/cm <sup>3</sup>
pH Value	7.1
Storage Conditions:	Protect from frost
Shelf Life	2 years from manufacture date

**Please protect the environment: Dispose of waste in accordance with the local authority regulations.**

#### Disclaimer:

The general information provided in the present technical description, application guidelines and other recommendations, is based on research and experience. However, the client is obliged to determine themselves what products are suitable for use. Accordingly, no liability will be accepted by IBC Limited t/a SURFASOLOGY™. For further information contact the SURFASOLOGY™ Technical Department.

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## WHO WE ARE

**SURFASOLOGY**, formerly IBC Ltd., is Ireland's leading waterproofing and damp proofing specialist that has been proudly providing market leading, innovative, and sustainable construction solutions since 1976.

Our high-quality products and systems are accompanied by our professional technical support and a full installation service. **SURFASOLOGY** technical consultancy team have unrivalled experience in major construction projects, as well as solving everyday problems for homeowners, with long term trustworthy solutions.

Our products are all manufactured in ISO Quality System compliant facilities and meet the relevant local, National, & European standards. **SURFASOLOGY** network members manufacture products exclusively in Germany, Switzerland, Spain, Greece and the UK. We support these products in local markets with highly-qualified technical professionals, who understand both on-site demands and the design detail. We work in a collaborative way with our clients at all stages of the project to ensure that the correct design, preparation, and application are carried out to ensure a timely and successful outcome for all stakeholders.

**Get in touch with us today!**

**INNOVATIVE, WORLD-CLASS,  
SUSTAINABLE CONSTRUCTION  
SOLUTIONS, POWERED BY OUR  
EXTENSIVE EXPERIENCE AND  
EXPERTISE.**

### AREAS OF EXPERTISE

#### Structural Waterproofing

Our world class solutions encompass the whole building envelope both above and below ground.

#### Damp Proofing & Remedial

A comprehensive range of first class damp proofing and timber treatment solutions.

#### Specialist Screeds & Coatings

High quality floor finish on domestic, commercial, under-floor heating or industrial projects.

#### Concrete Repair

We offer a highly efficient selection of products for the repair and protection of concrete elements.

### WHAT WE DO

#### Material Supply

Reliable and sustainable surface solutions accompanied by unrivalled technical support.

#### Installation Service

Specialised installation service provided by our approved contractors delivering high quality workmanship you can trust.

#### Technical Support

Extensive experience and expertise in Project Design and Technical Support Services ensuring reliable outcomes for all our clients.

#### CPD Seminars

RIAI and RIBA approved CPD Seminars to specifiers on a variety of topics covering structural waterproofing and damp proofing.

#### SURFASOLOGY

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