

## MAXSEAL SUPER

### Product Information Page

**Maxseal Super is a cement-based, waterproof coating with crystallisation and osmotic properties designed for use on concrete and masonry surfaces.**

#### Specification Tip for Design Professionals:

Maxseal Super may be specified by name or by using the following description: *a propriety cement-based, waterproof coating with crystallisation and osmotic properties designed for use on concrete and masonry surfaces.*



- ✓ Simple 100% waterproof coating
- ✓ Approved for use with drinking water
- ✓ Seal cracks up to 0.4mm
- ✓ Suitable for both positive and negative water pressure applications
- ✓ Resists the corrosive effects of salt water and atmospheric pollution
- ✓ Environmentally friendly, non-toxic
- ✓ Excellent adhesion and easy to apply
- ✓ Suitable for above and below ground applications
- ✓ May be painted over if required

#### How does Maxseal Super work:

Maxseal Super consists of a mix of selected cements, aggregates, chemical additives and water. The mixed material penetrates the concrete through its capillaries and crystallises sealing and waterproofing the concrete.

#### How do I prepare the surface before applying Maxseal Super:

Using a sharp tool, square-cut all cracks, damages, etc. to the substrate and using a non-aggressive method remove the damaged concrete repair the surface using Maxplug, Maxseal Flex and Drizoro Mesh. Detail all upstands, internal corners etc. with Maxplug, Maxseal Flex and Drizoro Mesh prior to the application of Maxseal Super.

All surfaces must be free from any contaminants which may inhibit the adhesion of the Maxseal Super. High pressure washing of the surfaces with clean potable water or other non aggressive methods are recommended to provide an open surface that is suitable for the application of Maxseal Super.

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### How do I apply Maxseal Super:

Pour the require amount of mixing liquid (6-7 litres clean potable water per 25kg of Maxseal Super) into a clean vessel and gradually add the Maxseal Super (25kg unit) whilst mixing with a slow speed drill.

Apply the product within 15 minutes of mixing. Maxseal Super may be applied by using a fibre-bristled brush or a suitable sprayer to the properly prepared substrate as follows.

- Damp down the prepared surface with clean potable water.
- Apply a 1mm thick coat of Maxseal Super and allow to cure for between 6 hours minimum and 24 hours maximum.
- Apply a second 1mm thick coat of Maxseal Super in opposite directions to the first coat.

**Note:** Surfaces treated with Maxseal Super should be protected from rain for at least 24 hours after application. Maxseal Super should not be applied if the temperature is 5°C or below or if the temperatures are expected to fall below 5°C in the following 24 hours.

**Maxseal Super may be applied as a Dry-Shake Waterproof System - please consult our Technical Department for further information.**

**Cleaning Equipment:** Clean all equipment using clean potable water.

**How do I store Maxseal Super:** Maxseal Super should be stored in its original manufacturer’s container in dry conditions and protected from frost.

**Packaging:** Maxseal Super is available in 25kg units.

TECHINCAL DATA:	
Appearance	Grey coloured cement based material
Optimum Application Temperature	Plus 10°C
Application Coverage	1-1.5kg/m <sup>2</sup> per coat
Suitability for Drinking Water	According to BS 69 20 and R.D. 140/2003
Adhesion to Concrete	>2MPa
Flexural Strength	>8MPa
Compressive Strength	>40MPa
Shelf Life	12 months 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.**

**SURFASOLOGY**



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Waterproofing and Damp Proofing Specialists

## 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.

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SUSTAINABLE CONSTRUCTION  
SOLUTIONS, POWERED BY OUR  
EXTENSIVE EXPERIENCE AND  
EXPERTISE.**

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

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

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