



# MAXSEAL M ANTISULPHATE

Product Information Page

Maxseal M Antisulphate is a cement based, waterproof coating for concrete and masonry made with sulphate resistant cement.

### Specification Tip for Design Professionals:

Maxseal M Antisulphate may be specified by name or by using the following description: a propriety one component cement-based waterproof coating, which is resistant to sulphates and is approved for use with drinking water.

### How does Maxseal M Antisulphate work:

When mixed with clean potable water, Maxseal M Antisulphate produces a coating, which is permeable to water vapour but not to water.

### How do I prepare the surface before applying Maxseal M Antisulphate:

- Using a sharp tool, square-cut all cracks, damages, etc. to the substrate.
- Using a non-aggressive method, remove the damaged concrete repair the surface using Maxplug and Drizoro Mesh.
- Detail all upstands, internal corners, etc. with Maxplug and Drizoro Mesh prior to the application of the coating.
- All surfaces must be free from any contaminants, which may inhibit the adhesion of the Maxseal M Antisulphate.
- Pressure washing of the surfaces with clean potable water or other non aggressive methods are recommended.



- **Fully waterproof coating**
- **Approved for use with drinking water**
- **Suitable for both positive and negative water pressure applications**
- **Covers shrinkage and hairline cracks of the concrete**
- **Withstands atmospheric pollution**
- **Effective against the corrosive effects of salt water and de-icing salts**
- **Environmentally friendly, non-toxic and chloride free**
- **Excellent adhesion and easy to apply**
- **Suitable for above and belowground applications**
- **Resistant to sulphates**

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### Mixing:

Pour between 6.27 litres to 7 litres of clean potable water into a clean empty vessel, slowly add the contents of a 25kg unit of Maxseal M Antisulphate into the water, whilst mixing with a slow speed drill fitted with a mixing paddle, until a creamy paste free of lumps is achieved.

Allow the mix to rest for approximately five minutes and remix briefly prior to application.

### How do I apply Maxseal M Antisulphate:

- Damp down substrate with clean potable water.
- Using a Maxbrush or other suitable spraying equipment, apply a 1mm layer of paste and allow it to cure for between 12 and 16 hours.
- Apply a second 1mm layer of paste in the opposite direction to the first.
- The Maxseal M Antisulphate coating should be mist cured with clean potable water.
- Apply the product within 15 minutes of mixing.

**Note:** Surfaces treated with Maxseal M Antisulphate, should be protected from rain for at least 24 hours after application. Maxseal M Antisulphate 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.

### Cleaning Equipment:

Clean all equipment using clean potable water.

### How do I store Maxseal M Antisulphate:

Maxseal M Antisulphate should be stored in its original manufacturer's container in dry conditions and protected from frost.

### Packaging:

Maxseal M Antisulphate is packed in 25kg units.

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<b>Appearance</b>	<b>Grey coloured powder</b>
<b>Application temperature</b>	>5°C
<b>Application coverage</b>	1-1.5kg/m <sup>2</sup> per coat
<b>Adhesion to concrete EN 1015-12</b>	2.47
<b>Flexural strength</b>	7.55N/mm <sup>2</sup> @ 28 days
<b>Compressive strength</b>	40.7N/mm <sup>2</sup> @ 28 days
<b>Resistance to sulphates</b>	Classified as “High Resistance”
<b>Shelf life</b>	12 months from manufacture date

### CE Marking

Maxseal Flex fulfils the directive 89/106/CE for Construction Products, meeting all the prescribed requirements relative to the application of the European Standard UNE-EN 1504-2 for Mortar for the protection of concrete surface.

**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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## SURFASOLOGY

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