

## Maxpatch

### Product Information Page

**Maxpatch is a two-component repair mortar for industrial floors and concrete pavements.**

#### Specification Tip for Design Professionals:

Maxpatch may be specified by name or by using the following description: *a propriety two-component repair mortar for industrial floors and concrete pavements, which has high mechanical strengths and wear-resistance, and may be placed at thicknesses of between 5mm and 25mm.*



#### Application Fields:

- Repairs to concrete floors in industrial facilities
- Repairs to concrete road, paths and parking areas
- Repairs to ramps in high trafficked areas

#### Benefits:

- High mechanical strength and wear resistance
- Can be placed in layers of between 5-25mm
- May be placed to falls
- Excellent adhesion to concrete

#### How does Maxpatch work:

When Maxpatch is mixed a chemical reaction occurs between the resin and the powder, which produces a structural repair mortar which has high mechanical strengths and wear-resistance.

#### How do I prepare the surface before applying Maxpatch:

- The repair area must be sound, clean, and free from all contaminants.
- Square-cut the edges of the repair area using a sharp tool and using a non-aggressive means remove all damaged concrete to a depth of at least 5mm.
- Damp down the repair area with clean potable water.

#### Mixing:

Slurry Coat: Mix five parts of powder and one part resin to a creamy slurry.

Mortar: Mix between 3.5 litres and 4 litres of resin with a 25kg unit of powder.

Mixing of materials should be by mechanical means (slow-speed drill).

**SURFASOLOGY**

**E: [info@surfalogy.com](mailto:info@surfalogy.com)**

**T: 01 832 1005**

**W: [surfalogy.ie](http://surfalogy.ie)**



### How do I apply Maxpatch:

Slurry Coat: Apply to the prepared area using a Maxbrush.

Mortar: Should be placed whilst the slurry coat is still tacky. Using a gloved hand or a trowel press the mortar into place in layers of between 5mm and 25mm. Mixed material should be placed within 20 minutes. Maxpatch should not be applied if temperatures are 5°C or below or are expected to fall below 5°C in the following 24 hours.

### Coverage:

2kg/m<sup>2</sup>/mm. A 25kg unit of pure Maxpatch will produce a volume of 15 litres

### Storage:

Maxpatch should be stored in cool dry conditions free from frost. Curing: Maxpatch should be mist cured with clean potable water.

### TECHINCAL DATA:

|                         |  |
|-------------------------|--|
| Appearance              | Component A: white liquid Component B: grey coloured powder  |
| Application temperature | >5°C   |
| Adhesion to subfloor    | > 2.8N/mm <sup>2</sup>   |
| Flexural Strength       | 10.5N/mm <sup>2</sup> after 28 days  |
| Compressive Strength    | 35N/mm <sup>2</sup> after 28 days  |
| Density                 | Component A: 1.02g/cm <sup>3</sup><br>Component B: 1.9g/cm <sup>3</sup>  |
| Open Time               | 15 -20 minutes depending on temperatures   |
| Curing Time             | 24 hours for light traffic 5 days for full loading   |
| Health & Safety         | Contains cements and quart-sand. Protect eyes and prevent prolonged contact with skin. Keep out of reach of children. For further information please consult the product MSDS. |
| 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**

**E: info@surfalogy.com**

**T: 01 832 1005**

**W: surfalogy.ie**





## Smart Surface Solutions

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.

**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

Unit 143, Grange Drive,  
Baldoyle Industrial Estate,  
Dublin 13, D13 W9V2,  
Ireland

**E:** [info@surfalogy.com](mailto:info@surfalogy.com)

**T:** 01 832 1005

**W:** [surfalogy.ie](http://surfalogy.ie)

