

Maxpatch

What is Maxpatch:

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 trafficed 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 4litres of resin with a 25kg unit of powder.

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

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.

Product Information Page

SURFASOLOGY™ - The Science of Surfaces

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Maxpatch

Storage:

Maxpatch should be stored in cool dry conditions free from frost.

Curing:

Maxpatch should be mist cured with clean potable water.

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

...and now for the science bit...

TECHNICAL DATA

Appearance	Component A: white liquid Component B: grey coloured powder
Application temperature	>5°C
Adhesion to subfloor	> 2.8N/mm ²
Flexural Strength	10.5N/mm ² after 28 days
Compressive Strength	35N/mm ² after 28 days
Density	Component A: 1.02g/cm ³ Component B: 1.9g/cm ³
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

About SURFASOLOGY™ - The Science of Surfaces

SURFASOLOGY™ is here to make products that work for you and the environment.

At SURFASOLOGY™ we believe that time is our greatest treasure so we try to ensure that you do not waste it. Our products are so good that you have to use them once leaving you free to enjoy life to the most.

Our mission is to make the world a better place, one surface at a time!

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 himself what products are suitable for use. Accordingly, no liability will be accepted by SURFASOLOGY™ (IBC Limited).

For further information contact the Surfalogy Technical Department.

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