

## Maxfloor

### Product Information Page

Maxfloor is a two component water-based epoxy coating for floor finishes and painting of surfaces in general. It is available in a range of colours and in a gloss or a matt finish.

#### Specification Tip for Design Professionals:

Maxfloor may be specified by name or by using the following description: *a propriety two component water-based epoxy coating.*



- ✓ Excellent adhesion to concrete and steel
- ✓ Suitable for use in poorly ventilated areas
- ✓ Easy to clean
- ✓ Excellent abrasion resistance
- ✓ Available in a gloss or matt finish

**How does Maxfloor work:** Maxfloor when polymerised produces a flexible, hard wearing protective coating for most common interior substrates such as concrete, mortar, metal, and wood.

**How do I prepare the surface before applying Maxfloor:** Substrates onto which Maxfloor are to be applied must be solid, clean and free from dust, oils, grease or any foreign matter that could affect adhesion.

**Note:** Steel or metal surfaces should be prepared by sand-blasting to Sa 2 ½ according to SIS 055900, please contact our Technical Department for further information.

**Mixing:** Maxfloor is supplied as a two component product. Pour the contents of Component B (Hardener) into the Component A container, mix using a paddle fitted to a slow speed drill until achieving a homogeneous product in colour and appearance.

**How do I apply Maxfloor:** Maxfloor may be applied by brush, short-pile roller or airless spray. The properly prepared substrates may be slightly damp but not wet.

Minimum substrate temperatures is 5°C and the RH <80. Surface and air temperature must be at least 3°C higher than the DEW temperature during the application and the curing process.

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**Smooth Finish:** Depending on the application method the first coat may be diluted with up to 5% clean potable water by volume of the mix.

Apply a first- coat of Maxfloor with a coverage of 0.2 and 0.3kg/m<sup>2</sup> depending on the porosity of the substrate, allow to dry for between 6 and 12 hours depending on ventilation and ambient temperatures. Apply a second coat of between 0.2 and 0.3kg/m<sup>2</sup> in the opposite direction to the first coat. Do not leave more than 24 hours between coats.

**Non-Slip Finish:** Apply a first- coat of Maxfloor with a coverage of 0.2 and 0.3kg/m<sup>2</sup>, whilst this coat is still tacky, dry-shake with clean dry silica-sand (grainsize 0.1 –0.5mm) at approximately 1 –1.5kg/m<sup>2</sup>.

Once this layer is dry, sweep and vacuum the surface to remove the excess sand and apply a sealing coat of Maxfloor at the rate of 0.2 and 0.3kg/m<sup>2</sup> depending on the grain size of the sand.

Do not leave more than 24 hours between coats.

For a better aesthetic finish Drizoro Coloured Sand may be used.

**Note:** Allow the product to fully cure for a minimum of 5 days before putting floors into service.

**Cleaning Equipment:** Clean all equipment using Maxepox Solvent.

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

TECHINCAL DATA:	
Optimum Application Temperature	Plus 5-35°C. RH 35-80%
Application Coverage	0.2 –0.3kg/m <sup>2</sup> per coat
Solid content	55% by weight
A : B ratio by weight	4-1
Pot Life @ 10°C	180 minutes
Tack free @ 65% RH	6-12 hours
Shelf Life	6 months from date of manufacture

**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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