



TURBOMEND

Repairs have never been so fast and easy



TurboMend is a labourers answer to those pesky chips, holes and cracks in a wide range of concrete surfaces. Make a fast-setting

What is TurboMend?

TurboMend is a powder mix which, when mixed well with water, creates a fantastic mortar mix that's perfect for internal or external use, whether it be on horizontal or vertical surfaces.

Its special formulation makes it stand out in a crowd, with great features like freeze-thaw resistance and great durability, all of which occurs after setting in just minutes.

Top Features

Comes in powder form

All that's needed is to add water

Trowel or pour into desired area

Sets in around 30 minutes

Fantastic shelf life of 1 year (keep in original packaging)

High durability. See figures for more details

Works down to 0°C

Can work in layers up to 25mm horizontally and 10mm vertically. If greater thickness is required allow to set fully for a day before adding more.

Interior or Exterior use

Standards

When used as a non-structural repair PCC mortar for the repair principle 3 (CR), repair method 3.1, 3.2, TurboMend is in conformity with the relative type requirements of EN 1504-3:2005

Examples of Use

Floor Screeds

Stair Treads and Risers

Concrete Paving Slabs

Beams and Lintels

Balcony Edges

Gradients for Ramps

Concrete Soffits

How it Comes

10kg of dry powder inside tub. Can be mixed inside container or separated and mixed externally. If not wanting to use whole product at once, pour amount required onto water in container, at ratio around 150ml:1kg of clean water to powder. Working time after reaction has begun is around 10 minutes at 20°C so act quickly to produce the best outcome. See next page for instructions and strength figures.

Always read the MSDS before beginning work with this material.

EN 1504-3 Designation	Class R2
Working Time @20°C	10 - 15 minutes
Walk on hard Time @20°C	30 minutes
Ready to cover at 5mm @20°C	from 24 hours
Compressive Strength N/mm ² (EN 12190)	1 Day >10.0 7 Days >15.0 28 Days >20.0
Flexural Strength N/mm ² (EN 196-1)	1 Day >2.0 7 Days >3.0 28 Days >5.0
Application Thickness (horizontal):	3 - 25mm
Application Thickness (vertical):	3 - 10mm

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Instructions for use

Preparation

For good adhesion, make sure area is fully cured and cleaned (dust, grease, etc.). Carefully remove any loose, damaged, or broken material. Aggregate should be clearly visible on the surface of the concrete after surface preparation. For internal floor repairs, where present, underfloor heating must be off for at least 48 hours before, during and after application. Prime the area before application by dampening with a light water spray.

Mixing

Mix amount required before the product thickens (approximately 5 - 10 minutes at 20°C). If thickening occurs before it has all been applied it should be discarded, extra water should not be added. Add the dry powder to clean water and mix until an even consistency is obtained. Mixing is best achieved by the use of a power whisk fitted in an electric drill. Small quantities can be mixed by hand with a suitable stirring stick.

Application

Trowel the mix onto the subfloor and spread to the required thickness ensuring good compaction to the existing profile at time of placing. If required the finish of the mortar can be improved by the use of a wet smoothing trowel or damp sponge before the mortar has fully set, typically 10 to 15 minutes at 20°C. When being applied in external applications, protect the repair area from rain, wind and direct sunshine whilst curing for at least 7 days for optimum performance.

Setting

The initial set time of the repair compound is approximately 30 minutes at 20°C and can accept light foot traffic after this time. Lower temperatures will extend this time.

Cleaning

Tools should be washed with water before the material cures.

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