

**FL440 | Flowfast Pourable Repair Mortar**



*While care is taken with the colour samples shown, no guarantee can be given that they represent exactly the colours offered.*

**Description**

Rizistal FL440 Pourable Mortar is a high strength, fast cure Repair Mortar based on special cements, polymers, reinforcing fibres and special aggregates.

Flowfast is designed to be simply poured into prepared voids, crevices and wide cracks in masonry, ceramic and concrete floors.

**Benefits**

A combination of the latest polymer technology and hard mineral aggregates, producing exceptional abrasion and impact resistance.

A simple two part product. Simply mix and pour into damaged area.

Odourless, non-toxic formulation.

**Coverage**

Approx. 0.5m<sup>2</sup> per 10kg and 1.0m<sup>2</sup> per 20kg at 12mm thick.

**Strength**

Rizistal Flowfast Pourable typical compressive strength at 20°C:

- 1 day: > 20N/mm<sup>2</sup>
- 7 days: > 35N/mm<sup>2</sup>
- 28 days: > 45N/mm<sup>2</sup>

**Surface Preparation**

Break away all loose or friable material from the repair area with hammer and chisel or similar.

Surfaces should be clean, dry and free of contaminants. Wire brushing or sweeping is generally sufficient. Edges of the repair should be cut to a minimum depth of 10mm / 15mm to avoid feather-edging in heavy duty areas. Rizistal Flowfast Pourable can be applied to damp concrete.





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### Working Time

10 minutes between temperatures 15°C - 20°C. If the material is used past these times it will become difficult to use and adhesion will be reduced.

### Curing Time

Flowfast will accept foot traffic in 1 hour and forklift traffic in approx. 4 hours at 20°C.

Temperatures below 10°C will delay the curing process. As a guide, allow 24 hours when applied below 10°C.

Do not store, mix or apply at temperatures below 0°C.

After installation, this product must be kept clean and dry for 12 to 18 hours (depending on ambient temperatures), otherwise the product performance will be seriously affected, which may result in discolouration and lack of cure.

### Mixing

The Rizistal Flowfast Pourable is supplied as a two part mix – a bag of powder and container of liquid.

Remove the above components from the large plastic bucket, which can be used as a mixing vessel. Add the powder to the large bucket and then add the entire liquid contents to the powder and mix thoroughly.

Although mixing can be carried out by hand using a trowel or similar, we recommend mixing with a heavy duty electric drill, fitted with a Rizistal Mixing Paddle.

The mixed materials harden rapidly so it is recommended that the mixed material is poured immediately into the repair areas.

As the material begins to harden, re-mixing will not reverse the hardening and will actually have an adverse effect on the mortar.

### Installation

When a smooth even consistency is achieved, simply pour Rizistal Flowfast into the repair area.

If the Flowfast has been effectively mixed it will self level and will need minimal trowelling.

To prevent 'drag' on the trowel moisten a rag with Rizistal Safer Solvent and wipe it across the blade which will ensure that you create a smooth finish.

### Application Thickness

Can be applied in thicknesses of 10mm to 150mm in one application.

### Finish

Foot traffic only areas can be feather edged, but edges are not recommended for medium or heavy trafficked areas.

After curing, Flowfast can be overcoated with any suitable Rizistal Floor Coating.

### Cleaning Equipment

Equipment used for mixing and applying the Repair Mortar should be wiped clean with Rizistal Safer Solvent or a similar solvent before the mortar cures.

### Shelf Life

An unopened pack will last 12 months.

### Usability

Flowfast is a pourable product so is not suitable for repairs to sloping floors such as floors with fall plains, ramps or open edges.

Alternative Rizistal products are recommended for repair to ramps, steps and for reforming edges.

### Chemical Resistance

Rizistal Flowfast will withstand spillages of oils, greases and mild cleaning agents. If greater chemical resistance is required, please use Rizistal Enhanced Series Epoxy Repair Mortar.

### Safety

Avoid contact with the skin. Barrier creams or gloves are should be used. Cleansing creams should also be used after accidental contact with the skin and / or washing with plenty of soap and hot water.

Accidental contact with the eyes should be treated by flushing with water and medical advice sought.

A detailed Material Safety Data Sheet is available which contains further advice.

### General Maintenance

When fully cured, acid and alkali detergents or degreasers may be used to clean the surface. Always follow manufacturer recommendations.

### Ordering

Available from Rizistal online at [www.rizistal.co.uk](http://www.rizistal.co.uk).





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All Rizistal products are sold subject to Rizistal's terms and conditions of sale.

For help and expert technical advice, please contact the Rizistal Support Team, who are backed by many years of experience within the flooring industry; [enquiries@rizistal.co.uk](mailto:enquiries@rizistal.co.uk).

### **Contracting Service**

Rizistal offers a contracting service via their sister company, John Lord Specialist Flooring, who operate throughout the UK, using their own highly experienced teams.

Rizistal will be happy to provide quotations for any large project, involving their repair and protect products. Email us your project details so a member of the Contracting Team can contact you to discuss your requirements, and see if it fits within the John Lord Contracting minimum criteria.

