

RM108 | Epoxy Resin Machine Grout | Trowelling Grade



dark
grey

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

Supplied in Grey as standard to match concrete, however other colours are available on request. Please contact Rizistal Support via email to discuss your options.

Description

Rizistal RM108 Epoxy Resin Machine Grout is a Trowelling Grade fixing and repair mortar designed to completely fill voids and cracks, and to yield a reliable, high strength fixing for bolts, rails, machine fixings, bollards, posts and more.

The Grout is a 2 component system.

Part A contains a blend of epoxy resins, fine fillers and aggregates, and Part B contains a blend of amine based curing agents.

When mixed together, provides an incredibly tough and durable fixing material.

The trowelling grade grout is designed to be used where there might be open edges to an area to be filled and a self-supporting material is needed. The trowelling grade is also able to be worked and finished with a trowel to create vertical edges or 45° fillet details, which cannot be achieved with the pourable grade Grout.

Benefits

Exceptional tensile and compressive strength.

A combination of latest technology epoxy resins and hard mineral aggregates, produce exceptional resistance to wear and impact.

All round chemical resistance is excellent to both acid and alkali based chemicals.





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Benefits Continued

Available as a fast cure as well as a standard cure.

Non-shrink.

Simple to mix and easy to apply with a trowel.

Extremely high adhesion to concrete and many other substrates, without the need for priming.

Coverage

1kg will approximately fill 500mL.

This equates to a 2.5kg Grout Pack filling 38 holes at the dimensions of 25mm diameter x 50mm deep, or an area of 300mm x 300mm x 12mm thick.

Pack Sizes

Available in 2 pack sizes;
- 2.5kg
- 5kg

Storage

Store at an ambient temperature above 5°C and above 8°C for approximately 8 hours prior to use.

Application temperatures range between 8°C to 30°C. Increased temperatures will decrease both the cure and working times significantly.

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.

Holes and voids should be vacuumed with an industrial vacuum if possible, to remove dust.

Primer

If the concrete is damp, apply 1 thick coat of Rizistal Epoxy Tack Coat Damp Primer following the instructions and allowing the required cure time before proceeding with the Grout Trowelling Grade.

Working Time

Standard Cure: 15 - 20 minutes

Fast Cure: 10 - 15 minutes

If the material is used past these times in ambient temperatures, it will become difficult to use and adhesion will be reduced.

Curing Time

Standard Cure: 6 hours at 20°C

Fast Cure: 4 - 5 hours at 20°C

The product can accept heavy traffic after 6 - 8 hours.

Not suitable for use at temperatures lower than 8°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

Each pack contains aggregate pre-mixed into the epoxy resin and a separate curing agent.

Empty the contents of Part B into the Part A container, making sure you thoroughly drain and scrap out the entire contents of Part B.

Mix thoroughly until an even colour and consistency is observed. Mixing is best achieved using an electric drill fitted to a Rizistal Mixing Paddle. This will ensure a thorough mixing and reduce mixing time. The more thorough the mixing, the easier the mortar will be to use.

Installation

Once mixed, the product can be trowelled into or onto the surface to be filled or repaired.

If you are inserting bolts, plates, fixings etc, do so with a twisting action to prevent any pockets of air forming.

Supports may be required until the product has started to cure.

Cleaning Equipment

Equipment used for mixing and applying product should be wiped clean with Rizistal Safer Solvent or a similar solvent before the product starts to cure.

Shelf Life

An unopened pack will last 12 months from the date of sale.

Safety

Wear protective gloves and safety glasses.

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.



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Safety Continued

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.

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.

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.

