

RF850 | Bitumen Roof Repair Mortar Black



Description

Rizistal RF850 Roof Repair Mortar is a carefully formulated compound containing a blended mixture of bitumen, solvents, mineral fibres and non-drying oils to produce a thick, yet easily applied compound.

The Mortar can be applied by pointing trowel, steel float or spatula.

The Mortar is used for general roof waterproofing and sealing repairs such as sealing cracks, holes and joints either as a finish or before the application of other sealants, coatings and membranes.

Substrate Applications

- Concrete
- Roofing felt
- Asphalt

- Lead
- Zinc
- Corrugated asbestos-cement
- Steel
- Masonry
- Renderings
- Bed slates & tiles

Benefits

Non-slumping compound: Yields an effective and water-tight seal across a large range of construction materials.

Excellent adhesion and easy to apply.

Effective tile roof repairs: The Mortar can also be used to bed slates and tiles.

Variety of Use

The Mortar is an excellent choice when used as joint sealant for;

- Gutters
- Spouts
- Down-pipes
- Between corrugated asbestos-cement
- Iron sheeting
- Around skylights
- Pre-cast concrete units

Coverage

Variable depending on type of repair.

Guide: 1kg of Mortar will cover approximately 0.10m² at average thickness of 10mm.



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Storage

When not in use the Mortar should be stored in a tightly sealed container and should be kept indoors.

Surface Preparation

All surfaces must be thoroughly prepared to ensure that they are free from any contamination or loose material.

All traces of algae and fungi growth or moss should be removed using a stiff bristled brush, wire brush or scraper. Where algae and fungi have been present, the surface should be treated with an appropriate Fungicide.

Working Time

In its original state there is an indefinite pot life, curing will only begin on application to the substrate.

Therefore, all containers should be tightly sealed when not in use.

Curing Time

Approximately 24 - 48 hours depending on ambient temperature and conditions.

An increased application thickness as well as moisture will increase curing time.

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

Prior to application, ensure that the entire contents is mixed thoroughly to a thick and even consistency.

Installation

The Mortar may be applied to surfaces which are dry or damp.

Excessively wet substrates should be dried before application.

The application of the Coating can be carried out between -10 and 40°C using a pointing trowel, steel float or spatula.

CRACK FILLING

Shallow cracks and fissures are simply filled and smoothed over, leaving slightly proud at the centre. Deep cracks should be filled in consecutive, multiple layers, each being firmly compacted by trowel and again finally left slightly proud at the centre.

JOINT SEALANT

If possible, the materials at the joint (eg. metal sheeting) should be pulled back and the surface thoroughly cleaned using a stiff bristled brush. The Mortar can subsequently be trowelled over the lower sheet overlap surface to a depth of 6mm then fixed onto the bedding mortar.

JUNCTIONS BETWEEN VERTICAL & HORIZONTAL SURFACES

Apply the Mortar in the shape of a triangular fillet with a pointing trowel. With any of the above type of repairs, the use of reinforcing scrim bandage to enhance the quality of the repair should be considered.

BEDDING

For loose slates, tiles and flashings needing to be re-bedded, a stiff brush should be used to clear away any excess debris. A layer of the Mortar is then applied at a suitable thickness around the top and side edges, before the tiles/slates are replaced, positioned and secured by being pressed firmly into the mortar.

Chemical Resistance

The Roof Repair Mortar has a resistance to a range of acids and alkalis at low concentrations.

Temperature Resistance

The Mortar will withstand normal outdoor temperatures ranging from -10 to 40°C. Following full cure of the Mortar the base bitumen resin will begin to soften at 70°C but recovers as the temperature falls.

Hazards

The Roof Repair Mortar is a solvent based system which can give off an inflammable vapour. Allow for appropriate ventilation when used in confined spaces until the product is completely dry.

Rizistal advises that the following steps are taken during application:

- Wear appropriate PPE.
- Remove all naked flames, burning embers or spark risks during application and drying.
- Avoid inhalation or consumption.
- Avoid contact directly to the skin, eyes or non-protected areas of the body.
- Remove any foodstuffs and other products with taint risk from the installation area during the application and curing period.

Further information in the MSDS.

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Safety

In the event of excessive inhalation of concentrated vapour, remove said person to fresh air and call for medical attention.

Contact with the eyes should be followed by a thorough wash with clean, cold water. Call for medical attention immediately after.

If the coating becomes alight, extinguish with a carbon dioxide, dry chemical or foam fire extinguisher, sand or earth.

Cleaning Equipment

Tools may be cleaned using Rizistal Safer Solvent or Rizistal High Performance General Purpose Cleaning Solvent or white spirit. Spillages should be wiped off any surfaces before the bitumen paint has time to cure.

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.