



TECHNICAL DATA SHEET

ROOFCOAT FR10

DESCRIPTION

ROOFCOAT FR10 is a one-part moisture curing polymeric waterproofing compound which is elastomeric and has exceptional adhesion to virtually any roofing material. It has been specifically developed to provide instant waterproofing for leaking roofs, is an all-weather product and can be applied even in the wet.

ROOFCOAT FR10 can be used to repair leaking roofs. It will adhere to all conventional roofing materials and surfaces including felt, asphalt, bitumen, concrete, asbestos, corrugate tin and lead.

Before you start:

- Read and follow SDS, TDS and label instructions
- Stir all paints thoroughly before use
- Always use the same batch number on the same job
- Check colour & sheen. MGC will not accept any discrepancies arising after use
- Reduce emissions and maintain quality by replacing tin lid after use

If in any doubt speak to MGC'S Technical Service Department on 01372 743334.

PREPARATION

Remove all organic matter, loose and peeling coatings and roof aggregates (chippings etc). Drains and gutters should be protected against blockage.

Clean the surface of any remaining dirt and debris, preferably by suitable high pressure water jetting or stiff bristle brass brush.

Surfaces previously contaminated with moss, lichen and algae growth must be treated with LICHENITE. Apply one coat by brush or spray at a coverage not exceeding 10²m per litre. Allow 24 hours before proceeding.

Splits, cracks and blisters should be repaired with ROOFCOAT FR10 SCRIM. Apply one coat of ROOFCOAT FR10 to the area to be repaired, cut scrim to the desired length, embed in the wet ROOFCOAT FR10 and apply a second coat. Blisters in felt should be star cut, ROOFCOAT FR10 applied under the flaps and the flaps re-bedded. Strengthen the repair with ROOFCOAT FR10 SCRIM and apply a further coat of ROOFCOAT FR10 over the repair.

ROOFCOAT FR10 and ROOFCOAT FR10 SCRIM should be used to bridge and fill large gaps and cracks. Silicone substrates should not be treated with ROOFCOAT FR10.

APPLICATION

To the prepared surface apply a generous coat of ROOFCOAT FR10 in selected colour by ROOFCOAT FR10 SPREADER, brush, soft broom or trowel. **DO NOT THIN.** Work away from area immediately being treated and towards a suitable escape exit. Do not walk on the newly coated surface whilst application is in progress or until the coating has cured and dried. Curing time 2-3 days.

CLEANING: Brushes, trowels and spreaders should be cleaned immediately after use in white spirit.

It should not be applied in conditions where the ambient temperature is 5°C and dropping.

CLEANING

Remove as much product as possible from application equipment before cleaning.

Replace lid firmly. Clean equipment immediately after use with white spirit thoroughly.

Some local authorities have special facilities for the disposal of waste coatings.

Do not empty product into drains or watercourses.

PRECAUTIONS

Keep out of reach of children.

In case of contact with eyes wash immediately with plenty of water.

Seek medical advice/attention.

Remove splashes from skin with soap and water or a recognised hand cleaner.

Protect from freezing. Do not apply paint if there is a risk of heavy rain or frost.

Do not use near fishponds.

Every care is taken to ensure that all information provided on this Technical Data Sheet is accurate.

Mould Growth Consultants Ltd are unable to guarantee results as it has no control over the conditions under which its products are applied.

Before using this product please ensure you have the latest information.

FINISH AND PACK SIZE

Supplied in 5kg tins and 20kg drums

Standard MGC colour range: Black, Grey or White

SPREADING RATE

ROOFCOAT FR10 should be applied at a rate of not less than 1kg per square metre for flat surfaces. Allow for additional ROOFCOAT FR10 on corrugated or aggregated surfaces.

Do not exceed recommended spreading rate.

DRYING TIME

Full Cure 2 – 3 days depending on film thickness and ambient temperature.

VOC

EU Limit for this product (cat A/i SB): 500g/L (2010)

Roofcoat FR10 contains max 499g/L VOC

SHELF LIFE

Under normal and frost-free conditions this product will remain usable for up to 12 months from delivery if stored correctly and unopened.

Store within the temperature range 5°C- 25°C.

PROTECT FROM FROST

Store in a dry location out of direct sunlight.

HEALTH AND SAFETY

Flammable. Flash point 42°C.

It is essential that when using any type of chemicals, whether they are disinfectants, washing detergents or mould treatments, that all vulnerable people, children, pets and animals are kept away from the materials and the areas being treated until they are dry. In addition, any spillages of chemicals must be cleaned up immediately before proceeding further with the work.

Store chemical products in a safe place away from children and pets.

Please refer to the Safety, Health and Environmental Information on the container.

Take special precautions during the surface preparation of pre-1960's painted surfaces as they may contain harmful lead.

When preparing the surfaces avoid the inhalation of dust and/or metal particles. Wear a suitable facemask.

Material Safety Data Sheets for this and all other products are freely available from the place of purchase or the address below.

Store in secure dry conditions inaccessible to children, pets or animals.

Containers should be kept closed during storage.

Do not empty into drains, watercourses or access routes to septic tanks.

For further information contact the Sales office on 01372 743334.

GENERAL INFORMATION

Apply all products in accordance with BS 6150: Code of practice for painting of buildings and BS 8000: Part 12:1989 workmanship on building sites and any additional requirements as detailed in a specification.

All products should be applied in accordance with the Manufacturer's Instructions/Product Data Sheets and Health & Safety requirements.

Inform the Contract Administrator of any discrepancy in specification of coatings and obtain instructions before proceeding with application.

Application of coatings will be taken as joint acceptance by the main contractor and sub-contractor of the suitability of surface and conditions within any given area to receive the specified coatings.

Due to continual changes in the condition of surfaces and substrates, a specification is only current for six months after which time a further inspection may be necessary.

Every care is taken to ensure the information provided is accurate at the time of application. MGC is, however, unable to guarantee results since it has no control over the level of preparation or conditions under which its products are applied.

The information and coverages are given in good faith and are based on our experience and knowledge but without liability.

Please contact MGC Technical Department on 01372 743334 should you have any enquiries regarding this specification.

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