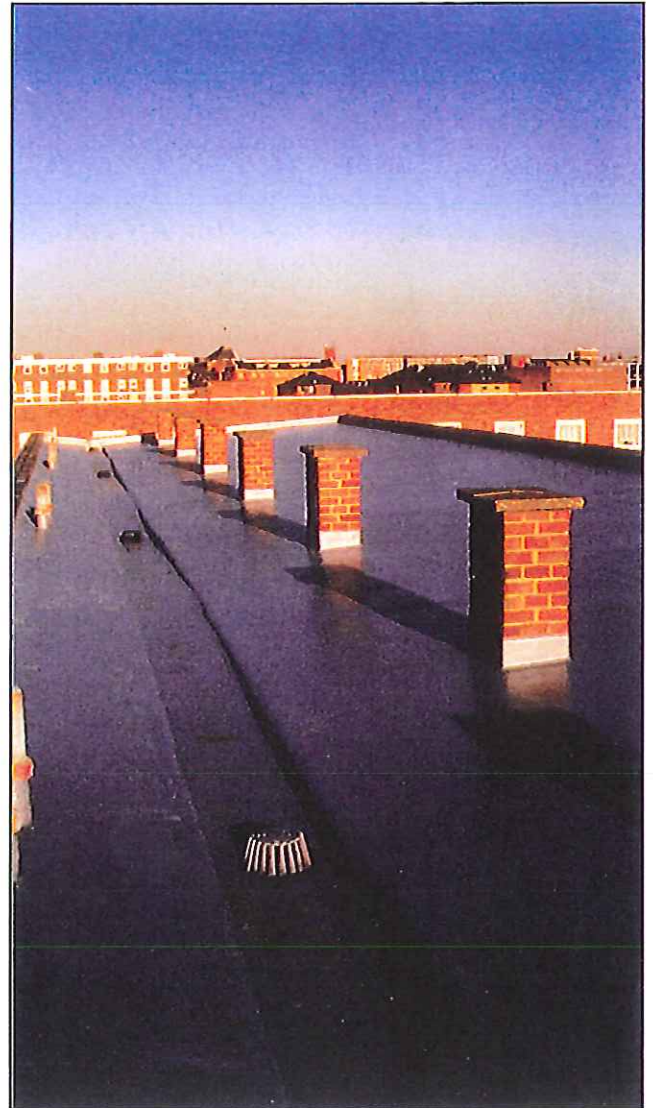




ROOFCOAT FR10

NON - BITUMINOUS ELASTOMERIC COMPOUND

- 10 YEAR LIFE
- INSTANT REPAIR FOR LEAKS
- CAN BE APPLIED IN WET CONDITIONS
- USE ON ANY ROOFING SURFACE



ROOFCOAT FR10

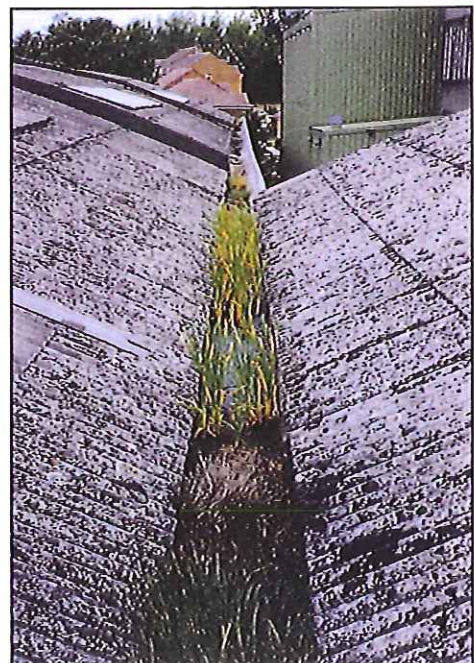
..... Is a one part moisture curing polymeric waterproofing compound which is elastomeric and has exceptional adhesion to virtually any roofing material. It has been specifically developed to provide instant waterproofing for leaking roofs, is an all-weather product and can be applied even in the wet. **ROOFCOAT FR10** can be used to repair specific areas which are leaking or totally waterproof an entire roof. Large cracks, holes, tears, blisters and splits can be easily repaired using **ROOFCOAT FR10 FILLER** and **ROOFCOAT FR10 SCRIM**. The product is multi-purpose and can be utilised on a wide variety of problem areas.

The **ROOFCOAT FR10 SYSTEM** is easy to use, does not require special primers and gives long term protection of 10 years or more.



AREAS OF USE

1. **FLAT ROOFS** - can be used as a patch repair or to waterproof the whole roof area. Choice of colour, including solar reflective white. Cracks, tears and blisters can be repaired utilising **ROOFCOAT FR10 SCRIM** and **ROOFCOAT FR10 FILLER**.
2. **ASBESTOS ROOFS** - will rejuvenate corrugated sheets, waterproofing and encapsulating the asbestos. In conjunction with **ROOFCOAT FR10 SCRIM**, **ROOFCOAT FR10** can be used to mend split sheets.
3. **PORCHES** - porous leaking areas can be waterproofed easily with one coat of **ROOFCOAT FR10**.
4. **FINLOCK GUTTERS** - clean out any debris and organic matter. Gaps should be filled first with **ROOFCOAT FR10 FILLER**. Apply a coat of **ROOFCOAT FR10** in a 6" band at the junction of the blocks and embed **ROOFCOAT FR10 SCRIM**. When dry apply **ROOFCOAT FR10** over the full length of gutter.
5. **VALLEY/CAST IRON GUTTERS** - **ROOFCOAT FR10** can be used to waterproof gutters and repair leaking joints. Downpipe junctions can be re-sealed with **ROOFCOAT FR10 FILLER**.
6. **PLASTIC RAINWATER GOODS** - **ROOFCOAT FR10** can be used to repair splits, cracks and leaking joints.
7. **FIBRE CEMENT GUTTERS** - use **LICHENITE** to kill any algae, moss and lichen. Remove all silt, dirt and debris. Apply one coat of **ROOFCOAT FR10** to waterproof gutter. Repair joints as (4) above.
8. **FLASHINGS** - leaking defective areas can be repaired with **ROOFCOAT FR10 FILLER** followed by **ROOFCOAT FR10**.
9. **BAY WINDOW TOPS** - a very common area for leaks, which can be easily and economically rectified with one coat of **ROOFCOAT FR10** in desired colour.
10. **CORRUGATED TIN ROOFS** - can be used to repair old and suspect sheets. Spot prime areas of rust with proprietary inhibitor followed by one full coat of **ROOFCOAT FR10**.



ROOFCOAT FR10







BENEFITS

- 10 YEAR LIFE
- WET WEATHER APPLICATION
- SINGLE COAT WATERPROOFING
- FIBRE REINFORCED COMPOUND
- RANGE OF COLOURS
- ELASTOMERIC WHEN DRY
- OUTSTANDING ADHESION
- CAN BE USED ON A MULTITUDE OF ROOFING SURFACES
- SPECIAL FILLER AND SCRIM FOR REPAIR WORK
- VERY ECONOMICAL

INDEPENDENT WEATHEROMETER TEST

FR 10
ACCELERATED AGEING TEST
QUV WEATHEROMETER

CONTROL	12,000 HOURS EXPOSURE
	
	

LABORATORY REPORT

MATERIAL: ROOFCOAT FR10
PROPERTY: Ageing and Heat Resistance
TEST METHOD: QUV Weatherometer
TEST SPECIMEN: One coat brush applied to mineral board, dried at room temperature
TEST PROGRAMME: Exposure cycles
 4 hours UVB @ 65°C
 4 hours condensation @ 50°C

RESULTS:
3,000 hours = surface is matt due to chalking which cleans off to leave a good sheen. Coating is integral and providing the substrate with protection against moisture penetration.
12,000 hours = without failure.
 Colour good, surface dull due to chalking. Signs of erosion of binder and fibres exposed. Coating still integral and intact with substrate protected against ingress of moisture.

COMMENTS:
 This is an accelerated ageing test which combines many factors, such as effect of heat, ultra violet light and moisture in continuous cycles. Because specific conditions of ageing can vary greatly, this test cannot be quantitative.
 ROOFCOAT FR10 was tested in comparison with a competitor's product which claimed to have a 10 year natural ageing span. Under our test conditions it crazed and cracked within the first 3,000 hours of test.
 NB. 1,000 hrs is equivalent to 3 yrs natural weathering.

FIRE RESISTANCE

ROOFCOAT FR10 has been tested for fire resistance and conforms to DIN4102 Part 7.

ROOFCOAT FR10 - TECHNICAL INFORMATION

DESCRIPTION

Composition: Non-bituminous, one component polymeric compound with fibres incorporated for strength and special resins giving exceptional adhesion and flexibility.

Appearance: Coloured, viscous compound.

Performance: 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, corrugated tin and lead. ROOFCOAT FR10 is not affected by U.V. or I.R. rays. It is elastomeric and will cater for seasonal movement.

Coverage: 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.

Availability: Supplied in 5kg tins and 20kg drums.

Colours: Black, Grey and White.

Application & Storage: ROOFCOAT FR10 can be applied by brush, soft broom, trowel or the specially designed ROOFCOAT FR10 SPREADERS. It should not be applied in conditions where the ambient temperature is 5°C and dropping. Protect from frost and store in a dry location out of direct sunlight. Shelf life 6-9 months in unopened containers.

Support Products: ROOFCOAT FR10 SPREADERS - 30cm (12")
ROOFCOAT FR10 SPREADERS - 12.5cm (5")
ROOFCOAT FR10 SCRIM - 10m x 12.5cm (5")
ROOFCOAT FR10 FILLER - 310cc cartridge

Health & Safety: Flammable. Flash point 42°C
Do not breathe vapour. Avoid contact with skin. In the event of eye contact or ingestion seek medical advice.

SPECIFICATION

1. Remove all organic matter, loose and peeling coatings and roof aggregates (chippings etc.). Drains and gutters should be protected against blockage.
2. Clean the surface of any remaining dirt and debris, preferably by suitable high pressure water jetting or stiff bristle bass brush.
3. 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 10 square metres per litre. Allow 24 hours before proceeding.
4. 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 rebedded. Strengthen the repair with ROOFCOAT FR10 SCRIM and apply a further coat of ROOFCOAT FR10 over the repair.
5. ROOFCOAT FR10 FILLER should be used to bridge and fill large gaps and cracks. Silicone substrates should not be treated with ROOFCOAT FR10. Silicone sealants should be raked out and renewed with ROOFCOAT FR10 FILLER.
6. 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.
7. CLEANING: Brushes, trowels and spreaders should be cleaned immediately after use in white spirit.



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