

Acraflex™ High Build

Fibre-reinforced solvent-based acrylic roof repair compound



“maintenance made easy”



PRODUCT DESCRIPTION

Acraflex High Build is a high performance solvent-based acrylic roof repair compound incorporating high build fillers and fibres that interlace to reinforce the material.

Acraflex High Build provides a degree of crack-bridging ability and is a durable, long-term patch repair material with excellent water-repellent properties. It must be applied to a dry surface, but is immediately waterproof and will withstand rainfall as soon as it is applied.

TYPICAL USES *Acraflex High Build* is primarily used for patch repairs to all types of flat and pitched roofs, often in conjunction with Polycote Flexible Membrane for repairing minor cracks, joints and other defects. Its acrylic formulation is highly UV resistant and will far outlast bituminous products, making it ideal for demanding situations where longer-term waterproofing protection is required.

SUITABLE SUBSTRATES *Acraflex High Build* may be applied to asphalt, bitumen, felt, asbestos, concrete, roofing tiles, brick, stone, cast iron, galvanised steel, aluminium, lead, zinc and fibreglass.

COLOUR *Acraflex High Build* is white, grey or black in colour.

PACKAGING *Acraflex High Build* is supplied in 5kg units and 20kg drums.

DIRECTIONS FOR USE

SURFACE PREPARATION

THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.

All necessary repair work should be carried out prior to application of the coating and the prepared surface should be clean, sound and free of flaking or loose material, moss or fungal growth. *Acraflex High Build* must only be applied when the surface is dry.

Due to the wide variation in roofing materials and conditions, the following are generalised recommendations only. Please contact the Polycote technical helpline if more specific guidance is required for your application.

Porous/friable surfaces – concrete and asbestos cladding, sheeting and guttering should be primed using two coats of *Acraflex™ Primer*. These surfaces must be jet washed prior to applying the primer.

Non-Porous surfaces – polished bricks should be power washed, abraded and completely dry and free from any contamination before coating with *Acraflex High Build*.

DIRECTIONS FOR USE – Cont.

Bitumen and felt roofs – discolouration may occur on new asphalt, tar or bitumen surfaces, so an extra coat may be required for decorative purposes.

Metal surfaces – including ferrous: new, weathered and previously painted galvanised steel and iron and non-ferrous metals: aluminium sheeting and aluminium alloy box gutters. All these areas should be suitably prepared and primed (see relevant Data Sheet).

Previously painted or coated surfaces – **WE RECOMMEND THAT YOU CARRY OUT ADHESION TESTS ON ANY EXISTING COATING OR SUBSTRATE BEFORE APPLYING ACRAFLEX HIGH BUILD.**

Gaps, cracks, and joints – *Acraflex High Build* will fill or bridge hairline cracks. Wider cracks or joints should be raked clean, opened out and filled using *Polycote Rooflex Sealant*. Allow sealant to cure before embedding membrane and overcoating – see under 'Application' following.

Crazed areas – must be primed with *Acraflex Primer* before coating with *Acraflex High Build*.

In areas where excessive movement may occur, additional reinforcement with *Polycote Flexible Membrane* must be incorporated into the coating.

IMPORTANT

Acraflex High Build is not recommended for the treatment of wooden surfaces, tanking, fishponds or any internal use.

Air conditioning vents should be sealed for a minimum of 24 hours during and after the application.

Acraflex High Build should only be used on applications in the UK.

This coating is not suitable for heavy foot-traffic areas.

Minimum Finished Fall: when using *Acraflex High Build* it is important that a minimum finished fall of 1:80 is achieved, as stated in BS 6229.2003 (Code of Practice for the application of Liquid Applied Waterproofing Systems to flat roofs with continuously supported coverings).

APPLICATION

Having prepared the surface, any filled cracks or joints that are subject to movement should be reinforced with *Polycote Flexible Membrane*.

Such repairs should then be coated with *Acraflex*, and the membrane should be cut to approximately 100mm wide strips of appropriate length and laid into the wet *Acraflex* over the repair, stippling with a paintbrush to integrate the membrane into the wet coating.

After all necessary membranes are embedded, an overall coating may be applied by brush or roller. If this is done immediately, care should be taken when overcoating the placed membranes to avoid disturbing them. If possible, allow overnight setting of the embedded membranes before overcoating the entire roof surface. One overall coat is normally sufficient.

Further coats may be applied if required, allowing drying intervals between coats.

CURING TIME

Normal curing time of *Acraflex High Build* is up to 3-7 days, depending on temperature and humidity.

It may remain soft for a further period depending on climatic conditions, but this will not affect the waterproofing qualities.

APPLICATION TEMPERATURE

Acraflex High Build should be applied at a temperature between 5°C and 25°C.

COVERAGE

The coverage of *Acraflex High Build* is approximately 4-5m² for the 5kg unit and 16-20m² for the 20kg unit, depending on the texture and porosity of the surface. When calculating surface areas, allowance must be made for corrugated surfaces.

CLEANING

Tools and equipment should be cleaned whilst material is still wet using White Spirit.

Hands and skin should be cleaned immediately with organic hand cleaner.

SHELF LIFE AND STORAGE

Shelf life in unopened containers is up to 24 months, subject to conditions of storage.

Store in a cool, dry frost-free environment away from sources of ignition.

HEALTH AND SAFETY

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

ANY QUESTIONS?

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application. Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline

01234 846400

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure for himself that the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.

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