

# Superflex High Build

## A self-reinforced patching compound



### A self-reinforced patching compound for long lasting roof repairs

#### What is Superflex High Build?

Superflex High Build is a flexible waterproof barrier that can be applied to virtually any roofing material, in all weather conditions (wet or dry), to repair leaks and cracks. It even works for large scale patching and making extensive repairs. It can be used right from the tin with no mixing, and can be applied with a brush, trowel or roller. Its advanced chemistry allows repairs to last up to ten years. Its high-build nature allows even extensive repairs to be made quickly and easily.

#### How does Superflex High Build work?

Superflex HB is a solvent based acrylic polymer coating, designed for long term maintenance of industrial and domestic roofing. Its incorporation of synthetic fibres means roof coatings will be strong against the elements, completely waterproof, and have flexibility to give it crack bridging properties.

This acrylic will bond well to almost all building materials, including (but not limited to) felt, asbestos, concrete, metal (e.g. Iron and Lead), asphalt and even glass.

Do not use on styrofoam or pvc foil or in areas where subsequent solvent or oil contact is likely.

#### Technical Data:

Colours Available	Black, Grey
Application Rate	1-2Kg/m <sup>2</sup>
Coverage per 5kg tin	5-10m <sup>2</sup> (dependant on coating thickness, substrate, application temperature, etc.)
Density	1.0gm/cc
Touch Drying Times	4-6 hours (dependant on coating thickness, application temperature, etc.)
Complete Drying Times	48-72 hours (dependant on coating thickness, application temperature, etc.)
Shelf Life	Min 12 months (see 'Storage' section for tells on when product has likely gone off)

#### Key Features and Benefits:

- Fast and easy to use – no mixing and no priming required
- Simple single coat application
- Contains self-reinforcing fibres for added support and long-lasting repairs
- Can be applied to wet or dry surfaces
- Bonds to almost all construction materials
- Choice of two colours: Black and Grey
- Energy efficient in terms of heat absorbance
- Forms a flexible barrier that prevents further cracking
- Long shelf-life in the tin, even after opening
- Apply a topcoat of Superflex Smooth for a consistent, smooth finish

#### Key Features and Benefits:

- Roofing of wide range of materials
- Any roofing that needs minor repairs
- Areas in need of waterproofing
- Roofing that heat absorbance is desired (black colour especially effective)
- Suitable for flat, slanted or textured roofing

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## **Surface Preparation:**

To be assured of maximum adhesion and best properties the correct surface preparation is essential. Metal surfaces should be wire brushed to remove loose scale or dust. The surface must be clean and free of contaminants such as dirt, oil, grease, coatings, and surface treatments. Mould, moss and other organic based growth should be removed before application. For the perfect cleaning solutions, inquire to your sales rep about Blue Jet Degreaser, and Multi Wash fungicidal cleaner, along with others in IMG's Red Rag range. Although Superflex HB can be applied in damp or wet conditions, it is ideal for the substrate to be as dry as possible. If the surface contains any coatings or treatments, inquire to your sales rep about the suitability of this product. It is highly recommended a trial is performed on a small area, before completing a large coating with this product.

## **Priming:**

Priming is generally not required with this product. However, for weak or porous substrates priming should be considered. If this is to be used in an area like this, please ask your sales rep for a recommended primer.

## **Application:**

Apply by brush or roller, spreading evenly at a nominal rate of 1-2Kg/m<sup>2</sup>. A second coat may be considered but is not usually required. This should be applied after a minimum of 6 hours. The first coat must not be contaminated prior to applying the second coat. The product will fill and bridge cracks up to 10mm wide, but where wider cracks are present these should be covered with a suitable flexible scrim bedded into the coating.

## **Storage:**

Store in dry conditions at temperatures between 10°C and 25°C. Do not expose to freezing conditions. Superflex HB has a minimum of 12 months shelf life when stored in the original, unopened containers. If this product has any of the following properties it is likely to have gone bad and should not be used:

- Consistency has become overly lumpy, similar to that of cottage cheese.
- Smell has become sour or rancid.
- Separation within the paint is clearly visible and light mixing does not resolve this.
- On application, the paint is difficult to spread.

## **Cleaning Equipment:**

All equipment used should be cleaned immediately after with white spirit.

## **Health and Safety:**

Always read and understand the label, and Safety Data Sheet provided, before using this product. Always wear recommended PPE when using this product. The SDS and this Technical Data Sheet is also available on our website, [www.img-limited.co.uk](http://www.img-limited.co.uk).

