

## IKO POLIMAR FCS REINFORCED FILLER

### PRODUCT INFORMATION

**IKO Polimar FCS Reinforced Filler** is a 2-component, fast curing, highly flexible, fibre-filled waterproofing product for sealing and reinforcement of intricate areas of detailing. It allows these details to be waterproofed and incorporated safely into the main-area waterproofing system.

This product must be used in conjunction with **IKO Polimar FCS Catalyst**.

Size	Product Code
FCS Reinforced Filler 10kg	MW750012



### USE

**IKO Polimar FCS Reinforced Filler** is used for the waterproofing and reinforcement of small, geometrically complex details with limited crack movement.

Its use is restricted to the waterproofing of details that cannot be sealed using fleece-reinforced waterproofing products on account of the geometric shape of those details. With **IKO Polimar FCS Reinforced Filler** these details can be securely incorporated in the fleece-reinforced waterproofing for the main area.

The product must only be applied by operatives whom have successfully completed the relevant IKO Polimar product induction programme.

Additionally all work must be undertaken in accordance with the requirements of the specific information given with the IKO Specification document.

### PERFORMANCE & COMPOSITION

<b>Composition:</b>	2-component/ Fibre-filled/Thixotropic PMMA
<b>Form:</b>	Liquid
<b>Weight:</b>	10kg
<b>Standard Colours:</b>	Grey
<b>Consumption Rate*:</b>	1.4 kg/m <sup>2</sup>

\* Approximation, at a rate of 1mm layer thickness

### DIRECTIONS FOR USE

#### STORAGE

Store products sealed in their original airtight container and in a cool, dry and frost-free place. The unopened product has a shelf life of at least 6 months after delivery. Direct sunlight on the containers should be avoided, including on site.

#### APPLICATION CONDITIONS

Application can proceed when the air temperature is between +3°C and +35°C however the substrate temperature must be at least 3°C above the dew point during application and curing.

Do not undertake in wet or windy conditions. Suspend work in severe or continuously wet weather unless effective temporary covering is provided.

Relative humidity must be ≤ 90% and the surface to be coated must be suitably prepared, dry and ice-free. The surface must be protected from moisture until the coating has hardened.

#### SUBSTRATE PREPARATION

When using **IKO Polimar FCS Reinforced Filler** it is a requirement to undertake an adhesion test to determine if suitable adhesion can be obtained. Further information on adhesion testing can be found within the issued IKO Specification document.

All receiving surfaces and substrates must be dry and ice-free. They should be prepared and primed with the appropriate/specified IKO Polimar FCS Primer, prior to the application of **IKO Polimar FCS Reinforced Filler**.

## MIXING

Each **IKO Polimar FCS Reinforced Filler** (10kg) resin component must be mixed with min 2 bags of **IKO Polimar FCS Catalyst** (0.1kg each) using a suitable power drill or mixer with a spiral mixing head.

**IKO Polimar FCS Reinforced Filler** (10kg) resin component should be thoroughly mixed to ensure incorporation of any settled out material prior to addition of the catalyst.

Add min 2 bags of pre-weighed **IKO Polimar FCS Catalyst** (0.1kg each) to the resin component and mix by mechanical stirring using a spiral mixing headed stirrer at a slow speed for 2 minutes ensuring the product on the base and sides of the container are thoroughly mixed in.

At material temperatures <10°C the product must be stirred for 4 to 5 minutes as the catalyst will take longer to dissolve.

## REACTION TIMES

This table gives an approximation of time at a specific temperature of 20°C when **IKO Polimar FCS Reinforced Filler** (10kg) resin component is mixed with min 2 bags of **IKO Polimar FCS Catalyst** (0.1kg each).

At 20°C	
Pot life	Approx. 10 mins
Rain-proof	Approx. 20 mins
Walkable/overlay	Approx. 45 mins
Fully cured	Approx. 2 hours

## APPLICATION

With a brush, apply a thick layer to the detail to be waterproofed and smooth over. Make sure that a layer thickness of at least 1.5 mm is achieved in all areas. If necessary, apply a second layer once the first one has hardened.

## CLEANING TOOLS

If work is interrupted or when it is completed, clean tools with **IKO Polimar FCS Acetone Cleaner** using a brush to remove the material from tools within the pot life of the material. Immersing tools in **IKO Polimar FCS Acetone Cleaner** will not prevent material from hardening. Ensure the cleaning agent is fully dried off, before using tools again.

## DISPOSAL

Please refer to relevant sections of the IKO Material Safety Data Sheet for information relating to disposal.

## DISCLAIMER

As this product is utilised within an Approved Contractor network and guided by an IKO Specification document, where omission or differing information exists the IKO Specification document will take precedence.

Whilst every precaution is taken to ensure that the information given in this literature is correct and up to date it is not intended to form part of any contract or give rise to any collateral liability, which is hereby specifically excluded.

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