

## IKO POLIMAR FCS CONCRETE PRIMER

### PRODUCT INFORMATION

**IKO Polimar FCS Bitumen Primer** is a fast curing PMMA-based primer on absorbent substrates in preparation for the application of IKO Polimar FCS system.

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

Size	Product Code
FCS Concrete Primer 10kg	MW751032



### USE

**IKO Polimar FCS Concrete Primer** is used for the priming of absorbent substrates such as concrete, screed and timber, in preparation for the later application of the IKO Polimar FCS system.

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 PMMA
<b>Form:</b>	Liquid
<b>Weight:</b>	10kg
<b>Colour:</b>	Unpigmented/White
<b>Consumption Rates*:</b>	
Smooth	0.40kg/m <sup>2</sup>
Fine Sandy	0.50kg/m <sup>2</sup>
Rough	0.80kg/m <sup>2</sup>
<b>Density:</b>	
Unpigmented	1.06g/cm <sup>3</sup>
White	1.08g/cm <sup>3</sup>

\*Approximation

### 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 Concrete Primer** 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 should be prepared with the specified primer, dry and ice-free.

## MIXING

Each **IKO Polimar FCS Concrete Primer** (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.

The **IKO Polimar FCS Concrete Primer** (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 Concrete Primer** (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. 30 mins
Walkable/overlay	Approx. 30 mins
Fully cured	Approx. 2 hours

## APPLICATION

Use a sheepskin roller to apply an even film-forming coat of primer. Avoid creating puddles of primer. Once the coating has cured, apply a second coat to cover any defects i.e. bubbles, areas not fully coated. The surface must be protected from moisture until the coating has hardened.

For further information please refer to the issued IKO Specification documentation.

## 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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