

## IKO POLIMAR FCS PRIMER

### PRODUCT INFORMATION

**IKO Polimar FCS Primer** is a 2 component fast curing combination primer for projects with changing substrate materials such as concrete, timber and asphalt.

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

Size	Product Code
FCS Primer 10kg	MW750001



### USE

**IKO Polimar FCS Primer** is a combination primer for absorbent substrates such as concrete, screed, timber, and it can be used on existing asphalt and bitumen felt substrates prior to the application of the IKO Polimar FCS System.

**IKO Polimar FCS Asphalt/Bitumen Primer** must be used as a primer coat on new mastic asphalt.

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>Standard Colours:</b>	Unpigmented
<b>Consumption Rate*:</b>	
Smooth	0.4kg/m <sup>2</sup>
Fine-sandy	0.5kg/m <sup>2</sup>
Rough	0.8kg/m <sup>2</sup>
<b>Density:</b>	1.03g/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.

#### **REACTION TIMES**

Higher temperatures or greater proportions of catalyst will reduce reaction times, while lower temperatures and smaller proportions of catalyst will increase reaction times.

#### **SUBSTRATE PREPARATION**

When using **IKO Polimar FCS 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.

The surface to be coated must be dry and ice-free, with the relative humidity of the air at  $\leq 90\%$ .

The primer must only be applied to a prepared substrate.

## MIXING

Each **IKO Polimar FCS 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 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  $<10^{\circ}\text{C}$  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  $20^{\circ}\text{C}$  when **IKO Polimar FCS Primer** (10kg) resin component is mixed with min 2 bags of **IKO Polimar FCS Catalyst** (0.1kg each).

At $20^{\circ}\text{C}$	
Pot life	Approx. 10 mins
Rain-proof	Approx. 30 mins
Walkable/overlay	Approx. 45 mins
Fully cured	Approx. 3 hours

## APPLICATION

Use the 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 (bubbles, areas not fully coated).

Brushing is only acceptable for areas not accessible with the sheepskin roller.

## 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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