

## IKO POLIMAR FCS LOW VISCOSITY PRIMER

### PRODUCT INFORMATION

**IKO Polimar FCS Low Viscosity Primer** is a fast-curing, low-viscosity primer with good penetration properties on concrete substrates.

Depending on the substrates porosity, roughness and structure, two coats may need to be applied.

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

| Size                          | Product Code |
|-------------------------------|--------------|
| FCS Low Viscosity Primer 10kg | MW750031     |



### USE

**IKO Polimar FCS Low Viscosity Primer** is used as a primer on substrates affected by increased porosity, pinhole and pore frequency such as high-compaction concrete, mechanically prepared concrete and screeds.

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 (per coat)         | 0.4kg/m <sup>2</sup>  |
| Fine-sandy (per coat)     | 0.5kg/m <sup>2</sup>  |
| <b>Density:</b>           | 1.06g/cm <sup>3</sup> |
| <b>Viscosity:</b>         |                       |
| At 23°C                   | 100 mPas              |
| At 5 °C                   | 200 mPas              |

\* 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.

#### **PREPARATION**

The primer must only be applied to a prepared substrate.

When using **IKO Polimar FCS Low Viscosity 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 Low Viscosity 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 Low Viscosity 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 Low Viscosity 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 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.

The entire surface is coated with a film of primer before any over coating is undertaken. A second application of **IKO Polimar FCS Low Viscosity Primer** may be required in some instances.

It is critical that installers ensure correct coverage and consumption rates are adhered to. If too little material is applied, curing problems may arise on account of interrupted polymerisation.

## 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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