

LIQUID APPLIED DETAILING SYSTEM

PRODUCT INFORMATION

Elastomeric, high build, single component polyurethane UV stable top coat comprising a blend of moisture triggered polyurethane resins. Once applied, the cured membrane forms a seamless, durable waterproof barrier which provides excellent thermal and UV stability for all climatic conditions. Can be used in conjunction with Armourplan roofing membranes to simplify complex detailing where forming them from detailing membrane may be too time consuming or technically difficult to waterproof.


FEATURES & BENEFITS

- Ideal for complex detailing
- Excellent durability and puncture resistance
- Premium performance
- Simple to install
- Cold applied technology
- Cost effective

Material	Polyurethane
Tin Size	12.5 Litres
Colour	Light Grey – nearest RAL 7036 Mid Grey – nearest RAL 7046 Dark Grey – nearest RAL 7023
Product Number	Various – See table below



IKO POLIMAR UV DETAILING – POLYURETHANE LIQUID

Name	Description	Size	Units
<p>Polimar UV Protection</p> 	<p>Used as both an embedment coat and the finishing/top coat. Once applied forms a seamless, durable waterproof barrier. Use a different colour for embedment and topcoat.</p> <p>Drying and Curing time (at 20°C): Touch Dry - 3 hours, Over coating - 8 hours, Full cure - 10 days.</p> <p>Coverage Rate (at 20°C): 1.2 litres/m² for the first coat and embedment of the GRF Reinforcement; 0.5 litres/m² for the topcoat. Allowance should be made for additional coverage rate at lower temperatures.</p> <p>Product Codes: PM700060 (Light Grey), PM700052 (Mid Grey) & PM700059 (Dark Grey).</p>	12.5L	Can

IKO POLIMAR UV DETAILING SYSTEM COMPONENTS

Name	Description	Size	Units
IKO Polimar GRF 100gsm 	<p>100gsm fibreglass matting, used for reinforcement layer on flat roofs and to reinforce all abutment details.</p> <p>IKO Polimar GRF must be fully embedded into the wet embedment coat, avoiding pin holes and frayed fibres.</p> <p>Product Code: MW700151</p>	1m x0.25m	150/box
IKO Polimar BT Tape 	<p>A non-bituminous debonding tape, used where movement is likely and also to bridge gaps in all panelled joints.</p> <p>Product Code: MW700206</p>	50m x 0.075m	Roll
IKO Polimar GP Primer 	<p>High performance low viscosity primer with excellent adhesion and over coating properties. Ready to use, applied by brush or roller and suitable for surfaces such as concrete and masonry prior to the application of the Polimar embedment coat.</p> <p>Drying and Curing time (at 20°C): Touch Dry/Min overcoating - 2 hours Max overcoating - 24hours</p> <p>Coverage Rate (at 20°C): 3.7m² - 8.4m² per litre (depending upon substrate)</p> <p>Product Code: PM700202</p>	5L	Tin
IKO Polimar MC Primer 	<p>A two-part, high performance, solvent based epoxy anti-corrosive primer used on metal surfaces. Primer base and activator to be mixed together before use, applied by brush or roller prior to the application of the Polimar embedment coat.</p> <p>Drying and Curing time (at 20°C) : Touch Dry 4 hours, Minimum overcoating 16 hours</p> <p>Coverage Rate (at 20°C): Approx. 8.8m² per litre - dependent on substrate</p> <p>Product Codes: PM70026A &PM70026B</p>	1.4L&3.6L	Tin
IKO Armourplan PVC Refurbishment Primer 	<p>PU Primer to be applied by brush or roller to the Armourplan PVC membrane prior to the application of the Polimar UV embedment coat.</p> <p>Product Code: 68240005</p>	5L	Tin

IKO POLIMAR UV DETIALING SYSTEM INSTALLATION

Prepare the surface of the Armourplan membrane by light abrasion to key the surface. Ensure the area to be coated is free of dust, dirt and debris before application of the liquid detailing.

Apply an even coat of IKO Armourplan PVC Refurbishment Primer to the area of membrane to be coated with Polimar UV using a brush or roller and allow to dry. Ensure the primer extends approximately 25mm further than the area where the Polimar is to be applied.

Where appropriate Polimar GP Primer should be applied to the clean and prepared substrate (as required on concrete and masonry surfaces etc.) using a roller or brush at the specified coverage rate and allowed to dry before application of the Polimar details. Polimar GP Primer is a single-part product which is applied directly from the tin, no mixing is required.

Where appropriate, clean and prepare all bare metal surfaces, abrading to a bright finish prior to applying Polimar MC Primer using a brush or roller at the specified coverage rate. Polimar MC Primer is a two-part product, and base and activator components must be thoroughly mixed together before use. Allow the primer to dry fully before application of Polimar details.

Polimar BT Tape should be used to bridge all gaps, joints, seams etc., where movement is likely to occur. The bridging tape backing should be pressed firmly onto the substrate surface and care should be taken to ensure that the edges are firmly pressed down flush with the surface profile.

Polimar UV should be applied by brush or roller; apply a coat of Polimar UV at a coverage rate of 1.2 litres/m². The first coat or embedment coat should be in a contrasting colour to the specified topcoat and

should overlap the Armourplan membrane by a minimum of 150mm.

All relevant details must be fully reinforced with the specified Polimar GRF reinforcement to strengthen all joints, penetrations and all upstand details.

Immediately install Polimar GRF reinforcing into the wet coating and firmly embed using an appropriate roller avoiding pinholes. The reinforcement must be applied to follow the contours of the substrate and avoid tenting. Ensure a minimum of 50mm overlap between each sheet.

Roller the reinforcement into the embedment coat using a short pile roller until total saturation has been achieved. For rough surfaces a sheepskin or GRP paddle roller can be used, finishing by rolling with a short pile roller.

Allow the Polimar UV to cure prior to the application of the top coat (minimum of 8 hours). Once cured inspect for pinholes and surface defects. Any frayed fibres should be avoided, trimming back and lightly abrading to provide an even surface, prior to the application of the top/intermediate coat.

Once the embedment coat has cured, apply the Polimar UV top coat by brush or roller. This should be applied in a contrasting colour to the first coat, at a coverage rate of 0.5 litres/m² to all surfaces coated by the embedment coat. The Polimar UV should be dressed onto the main roof area by a minimum of 150mm and extend approximately 25mm beyond the area coated with the first layer of Polimar UV/GRF. Visually inspect the coating, checking for defects such as pores, pinholes, discontinuity and exposed matting, and undertake corrective measures as necessary.

Allow to cure and dry thoroughly before reinstating/ installing any plant or equipment onto the roof area.

FURTHER PRODUCT INFORMATION

Full product literature, health & safety and technical sheets are available as downloads from our website www.ikopolymeric.com or on request by email polymeric.marketing@iko.com.