

IKOpro SOLAR REFLECTIVE PAINT

PRODUCT INFORMATION

IKOpro Solar Reflective Aluminium Paint is a bituminous aluminium coating which can be applied to a wide range of substrates including metal, bitumen coatings and bitumen membranes to protect against the effects of UV and heat ageing. The solar reflective coating gives good heat and light reflective properties, reducing solar heat gain on dark surfaces.

| | Product Code |
|-----|--------------|
| 5L | MW 943205 |
| 20L | MW 943219 |

USE

IKO Solar Reflective Aluminium Paint may be applied to bitumen membranes.

PERFORMANCE & COMPOSITION

| | |
|-----------------------------------|-----------------------------|
| Composition: | Bitumen/Aluminium |
| Form: | Liquid |
| Colour: | Silver |
| General Dimension Data | |
| Unit size: | 5L/20L |
| Coverage Rate[*]: | |
| Smooth surface | 6-8m ² per litre |
| Application Temperature: | 5 - 25°C |
| Drying Times^{**}: | 24 hours |
| Shelf Life^{***}: | 2 years |

* Subject to surface porosity

** Depending upon external conditions

*** In a sealed container, at 5-25oC

DIRECTIONS FOR USE

MATERIAL HANDLING

Containers should be kept in an upright position, in a cool, dry and well ventilated environment. Storage temperature must be between 5 - 25°C.

SURFACE PREPARATION

All surfaces must be clean, dry and free from grease, oil, dirt and loose material. The product should not be applied to mastic asphalt roofing or on coal tar based bitumen.

Remove any algae and fungi using a proprietary removal solution prior to commencing work.

Highly absorbent bitumen substrates must be treated first with **IKOpro Quick Dry Bitumen Primer**, which must be applied in accordance with the relevant product Technical Data Sheet, and be allowed to fully dry.

New bitumen coatings should be allowed to dry for a period of 14 days before application of **IKOpro Solar Reflective Aluminium Paint**. If the product is to be applied over existing bitumen coatings, it is important that such treatments are thoroughly dry and that care is taken to see that brushing is kept to a minimum to prevent softening of the substrate.

IKOpro Solar Reflective Aluminium Paint must be stirred continuously for a minimum of 5 minutes before use and for a further 5 minutes, at 10 minute intervals during use with a low speed mechanical paddle stirrer. It is important to ensure the paddle stirs the product for the full depth of the tin to ensure an even distribution of the aluminium pigment throughout.

APPLICATION

Application temperatures should be 5°C and rising; the maximum temperature for application is 25°C. It is considered good practice to apply this type of coating in overcast conditions to ensure the application is not affected by intense UV exposure during the initial drying period.

For maximum durability and reflectivity, 2 coats should be applied at the recommended coverage rate with a soft broom or soft foam roller.

The first coat should be allowed to dry thoroughly before the application of the second coat. A period of 24 hours is estimated as sufficient for this initial drying period; however substrate conditions, temperature and the weather conditions can create variations in this estimate.

Drying times will be extended in cold, damp conditions or if the coating is applied too thickly. Do not apply when rain is imminent or the surface temperature is below 5°C, in direct sunlight or at temperatures above 25°C.

Applying the product outside of the above temperature range or failing to adhere to the installation procedure outlined within this document may lead to the desired aluminium surface losing lustre, the surface colour diminishing or the final product developing a cracked appearance after drying.

In such instances, the product must be allowed to fully dry before re-coating the affected roof area in line with the aforementioned principles.

To ensure maximum continuing performance and reflectivity, surfaces must be repainted every 3 to 5 years.

CLEANING

Brushes and tools can be cleaned with white spirit.

DISPOSAL

For specific disposal of waste, unused product and/or contaminated packaging, please refer to relevant sections of the IKO Safety Data Sheet.

DISCLAIMER

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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