



Icosit® 6630M

High Build MiO Urethane Alkyd Finishing Coat

Technical Data Sheet

DESCRIPTION

Icosit 6630M is a low VOC, one component, high build MiO urethane alkyd coating with active pigments and micaceous iron oxide fillers for galvanized masts and towers,

USES

- * Duplex coating for galvanized masts, towers and switch gear.
- * Maintenance coating for masts, towers and switch gear.

ADVANTAGES

- * Direct site application to new hot dip galvanized structures.
- * Low VOC.
- * Very mild solvent, suitable for maintenance painting over unknown single component paints.
- * Excellent weathering properties and corrosion protection.
- * Excellent weathering properties.
- * Does not require 'T' wash or etch primer primer when applied to new/weathered galvanized substrates.

Technical Data

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| Colour: | Available in a selection of metallic colours. |
| Finish: | Matt |
| Density (SG): | 1.5 kg/litre |
| Volume solids: | 60% |
| Typical film thickness per coat: | 120 microns dry 200 microns wet |
| Application temperatures & humidity conditions: | +5°C minimum (substrate and ambient) +3°C (5°F) above the dew point |
| Coverage: | 5 m ² /litre @ 120 microns dft |
| Method of Application: | Brush. Airless spray may be used on certain structures. |
| Drying times: | |
| Hard dry (hours): | 48 hours (temperature dependent) |
| Overcoating: | |
| Min (hours) | 24 |
| Max (weeks) | unlimited |
| No of coats: | New galvanised: 2 coats |
| In accordance with ISO 12 944 Pt 5 | Maintenance: 1 x patch prime 1 x Icosit 6630M |
| VOC: | 190 g/litre |
| Flashpoint: | 40°C |
| All above values are approximate. | |

SURFACE PREPARATION

Coated surfaces:

Icosit 6630M is an intermediate/finishing coat which should be applied over a sound, prepared, primed or coated surface.

Test areas in accordance with ISO 129 44 should be carried out to confirm compatibility and adhesion.

The surface to be coated should be dry and free from contaminants, such as dust, oil, grease, algal growth etc.

Galvanized surfaces:

Refer to **Sika®** Galvanized Steel Duplex Guidelines. Available on request.

MIXING

Stir thoroughly before use. DO NOT THIN.

APPLICATION

Brush: Typically 200 microns per coat wft on vertical surfaces

Airless spray: Typically 200 microns per coat wft on vertical surfaces

THINNING

Thinning with **Sika® Thinner B** up to 5% by weight may be necessary to improve workability.

IMPORTANT CONSIDERATIONS

- * Some MiO colours may fade on exposure to unfiltered UV light.
- * Apply only to dry surfaces.
- * Do not apply during mist or fog conditions or when snow or rain is imminent.
- * Avoid condensation on the coating during the initial drying period.
- * Apply in ventilated areas

CLEANING OF EQUIPMENT

Use **Thinner B**. Hardened material may have to be mechanically removed.

PACKAGING

Refer to latest price list

CONSUMPTION

Approximately 5.0 m²/litre @ 120 microns dft. These figures do not allow for surface porosity, profile or wastage).

STORAGE AND SHELF LIFE

Minimum 24 months in sealed containers stored in dry warehouse conditions (+5°C - +25°C).

Handling Precautions

Sika products are generally harmless provided that certain precautions normally taken when handling chemicals are observed. The materials must not, for instance, be allowed to come in contact with foodstuffs or food utensils and measures should also be taken to prevent the uncured materials from coming in contact with the skin, since people with particularly sensitive skin may be affected. The use of protective clothing, goggles, barrier creams and rubber gloves is required. The skin should be thoroughly cleaned at the end of each working period either by washing with soap and warm water or by using a resin-removing cream - the use of powerful solvents is to be avoided. Disposable paper towels - not cloth towels - should be used to dry the skin. Adequate ventilation of the working area is recommended. In case of accidental eye or mouth contact, flush with water - consult a doctor immediately. Health and Safety information on Sika Products is available and we strongly advise that this is read prior to their use. Sika products are for professional use and should be stored in sealed containers away from the reach of children.

Important Note

The information, and, in particular, the recommendations relating to the application and end-use of Sika products, are given in good faith based on Sika's current knowledge and experience of the products when properly stored, handled and applied under normal conditions. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users should always refer to the most recent issue of the Technical Data Sheet for the product concerned, copies of which will be supplied on request.

Please consult our Technical Sales Department for further information

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