

# Trimite 36

## Alkyd MIO

**Description** An alkyd intermediate or finish coat for steelwork, containing MIO (micaceous iron oxide) pigmentation.

**Finish** MIO.

- Features**
- MIO is a non-toxic lamellar pigment which provides excellent barrier protection to moisture permeation. MIO helps improve the corrosion resistance of the paint system.
  - Use as an intermediate or finish coat over a suitable anticorrosive primer.
  - Can withstand dry temperatures up to 95°C.
  - The MIO profiled surface provides excellent adhesion for long term overcoating, providing the surface is clean.

**Complies With** 2004/42/EC (2012) sub-category A(i) - VOC level below 500 g/l.

**Product Code** 36- .

**Volume Solids** 50% ± 2%.

**VOC's** Below 400 g/l.

**Colour Range** Dark Grey, Black, Grey/Green, Leaf Green, Green, Brown.

<b>Film Thickness &amp; Coverage</b>	<b>Rec. Min:</b>	<b>Dry</b>	<b>Wet</b>	<b>Theo. Coverage</b>
			40 µm	80 µm
	<b>Rec. Min:</b>	100 µm	200 µm	5.0 m <sup>2</sup> /l

Actual coverage varies considerably with factors including surface porosity, roughness, application methods and conditions.

<b>Drying &amp; Overcoating Times</b> at Rec. Min DFT		<b>10°C</b>	<b>20°C</b>	<b>30°C</b>
	Surface Dry:		4 h	2 h
Hard Dry:		36 h	16 h	12 h
Overcoat Min:		48 h	24 h	12 h
Overcoat Max:		Indefinite	Indefinite	Indefinite

Drying and overcoating times can be greatly affected by method and conditions of application such as thickness applied, temperature, ventilation etc. Data above are given as a guide.

**TECHNICAL DATA SHEET****Trimite 36****Alkyd MIO**

<b>Surface Preparation</b>	<ul style="list-style-type: none"><li>• All surfaces to be coated should be dry and cleaned as necessary to remove all contamination.</li><li>• Apply over a suitable primer. Please consult Trimite for advice.</li></ul>
<b>Mixing</b>	Thoroughly stir the coating before use. A power mixer is highly recommended. A wide-bladed stirrer is essential for adequate mixing if only hand stirring. Stir occasionally during use to maintain a homogenous mix.
<b>Mix Ratio</b>	Not applicable – single pack product.
<b>Application Conditions</b>	Throughout the application and the drying/curing time of coatings: (a) good ventilation is required; (b) do not apply when damp weather conditions are likely; (c) the substrate temperature should be at least 3°C above the Dew Point; and (d) the RH (Relative Humidity) should be below 85%. It is advisable not to apply the product when the ambient temperature falls below 5°C. The paint temperature at the time of application should ideally be 15° - 20°C.
<b>Application Details</b>	<ul style="list-style-type: none"><li>• Designed for application by brush or roller as supplied.</li><li>• May require slight thinning for spray application, please consult Trimite for advice.</li></ul>
<b>Thinner/Cleaner</b>	Trimite 114 Thinner.
<b>SG</b>	1.70 ± 0.15 kg/l.
<b>Flash Point</b>	23° – 60°C.
<b>Shelf Life</b>	Min. 1 year from date of delivery when correctly stored in unopened containers.
<b>Storage</b>	The product should be stored in cool, dry, frost-free conditions, in sealed containers. Most paint materials will apply optimally when at 15° - 20°C.
<b>Health &amp; Safety</b>	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
<b>Date of Issue</b>	Jan 2024.

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