

TECHNICAL DATA SHEET

Firwood 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.

Film Thickness & Coverage	Rec. Min:	Dry	Wet	Theo. Coverage
			40 µm	80 µm
	Rec. Min:	100 µm	200 µm	5.0 m ² /l

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

Drying & Overcoating Times at Rec. Min DFT		10°C	20°C	30°C
	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.

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Surface Preparation	<ul style="list-style-type: none">• All surfaces to be coated should be dry and cleaned as necessary to remove all contamination.• Apply over a suitable primer. Please consult Trimite for advice.
Mixing	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.
Mix Ratio	Not applicable – single pack product.
Application Conditions	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.
Application Details	<ul style="list-style-type: none">• Designed for application by brush or roller as supplied.• May require slight thinning for spray application, please consult Trimite for advice.
Thinner/Cleaner	Firwood 114 Thinner.
SG	1.70 ± 0.15 kg/l.
Flash Point	23° – 60°C.
Shelf Life	Min. 1 year from date of delivery when correctly stored in unopened containers.
Storage	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.
Health & Safety	Refer to the product's Safety Data Sheet and safety advice on the product label before use.
Date of Issue	Sep 2023.

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