



# HB MIO BUILD FINISH COAT<sub>AM60</sub>

**A high build high performance single pack modified alkyd micaceous iron oxide intermediate coat or finish.**

## Recommended Areas of Use

Perfect for the protection and decoration of ferrous & non-ferrous metals either as an intermediate build coat or finish.

## Certificates & Approvals

Manufactured under the auspices of an ISO 9001:2008 quality & ISO 14001:2004 environmental management systems.

## Properties

<b>Gloss</b>	Eggshell (approx. 20%)	<b>Surface dry</b>	4 hours
<b>Theoretical Coverage</b>	12 m <sup>2</sup> /L/coat	<b>Minimum overcoating time</b>	16 hours minimum
<b>Recommended number of coats</b>	1 to 2 full coats	<b>Maximum overcoating time</b>	Unlimited
<b>Density</b>	1.66 kg/L	<b>Minimum application conditions</b>	Down to 10 °C (but must be 3 °C above dew point)
<b>Volume solids</b>	48%	<b>Full cure</b>	7 days
<b>Flash point (Abel closed cup)</b>	38 °C	<b>Shelf life</b>	12 months minimum in original unopened containers.
<b>VOC</b>	411 g/L	<b>Colour range</b>	Metallic, limited range (see below)
<b>Thinner / Cleaning</b>	Bradite Thinner TW34	<b>Heat Resistance</b>	90 °C dry heat (some discolouration may occur)
<b>Recommended wet film thickness</b>	100 microns/coat	<b>Recommended dry film thickness</b>	48 microns/coat

## Suitable Surfaces

For all suitably primed ferrous & non-ferrous metals which are dry, free of contamination, dust and have been properly prepared and/or primed. Compatibility with existing coatings should be confirmed by preparing and painting a test area.

## Application Information

Application and use should always conform to the codes of practice described in BS 6150 and BS 5493. Best results are obtained by spraying.

**Brush and Roller** – supplied ready for use. Use natural bristle brush, tapered and flagged, for best appearance. Thin, if required, with 0 - 5% Bradite Thinner TW35. Keep application in one direction to avoid “suede” like appearance & colour discontinuity.

**Conventional Air Spraying** - Thin with 5 - 15% Bradite Thinner TW35 as required, tip size – 3 mm, tip pressure 60psi (0.4MPa) approximately.

**Airless Spraying** - Thin with 0 - 10% Bradite Thinner TW35 as required, tip size - 18 thou (0.46mm) approximately, tip pressure - 2100 psi (15MPa) approximately.

## Cleaning

Clean all equipment immediately after use with Bradite Thinner TW35 for best results.

## Preparation

High pressure steam cleaning to remove all loose, flaking paint and contamination back to a sound surface. Bradite TD39 industrial strength detergent, washing and rinsing should be used with scrubbing to remove grease or oil.

Remove all rust scale, loose mill scale or other corrosion products by scraping and mechanical cleaning to SIS-St 3 (ISO 8501-1:1998).

Intact areas of existing coatings should be roughened by abrasive manual or disc sanding, feathering back to a sound coating edge. Cracks and pits should be filled using a suitable metal filler before painting. Substrate should be dust free and completely dry before coating.

## Notes

Light surface rusting may be effectively treated using one coat of Bradite Rust Converter RC46 prior to application of this product.

New galvanised steel should be thoroughly degreased and then pre-treated with Bradite Mordent Solution TM38 prior to application of this product. Alternatively, or for other non-ferrous metals, prime with Bradite Barrier Primer EU96 before application of this product.

For the protection of metal structures subject to more demanding exposure scenarios, application of Fastrac Antico Primer AP71 or SORTED WP45, prior to finishing with this product, is highly recommended.

## Summary Safety Information

Always refer to the Health and Safety sheet for the product before use, and observe the warning phrases on the label.

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