

MINING ENAMELS

PRODUCT CODE: ME Range

TECHNICAL DATA SHEET

Product Description	A high-quality alkyd-based gloss enamel.													
Intended Uses	<ul style="list-style-type: none"> Used as a decorative and protective finish on interior and exterior mild steel, galvanised steel, timber and masonry. May be over coated by itself or other alkyd-based systems. 													
Features & Benefits	<ul style="list-style-type: none"> Dries to a tough durable finish with good weather resistance. Provides a smooth glossy finish. Good coverage. Quick drying. 													
Product Information	<p>Appearance</p> <p>Colours</p> <p>Volume Solids</p> <p>Recommended DFT</p> <p>Recommended WFT</p> <p>Viscosity at 23°</p> <p>Theoretical spreading rate</p> <p>VOC</p>	<p>Gloss</p> <p>White (ME 1), Black (ME 2), Medium Yellow (ME 6), Signal Red (ME 7) and Brilliant Green (ME 8)</p> <p>38.5 %</p> <p>25 – 35 µm per coat</p> <p>65 – 91 µm per coat</p> <p>78- 82 KU</p> <p>12.8 m²/L at 30 µm DFT at stated volume solids</p> <p>555 - 900 g/L</p>												
Application Details	<p>Mixing</p> <p>Method</p> <p>Thinning</p> <p>Cleaning</p> <p>Drying time</p> <p>Application Environment</p>	<p>Stir thoroughly with a flat paddle until homogenous</p> <p>Brush, Roller and spray application</p> <p>Thinning not recommended for brush or roller application. For spray application, thin to spray viscosity of 16-20 seconds Ford Cup no. 4 with UNIVERSAL REDUCER (PUR 1) or FAST DRYING SOLVENT (PYY 1) MINERAL TURPENTINE (AZH 1) or POLYCELL BRUSH CLEANER</p> <p>Touch dry: ≤ 1 h @ 23 °C</p> <p>Over coating: 4 h @ 23 °C</p> <p>Dry to handle: 16 h @ 23 °C</p> <table border="1"> <tr> <td>Surface Temperature</td><td>Ambient Temperature</td><td>Relative Humidity</td></tr> <tr> <td>Min: 10 °C</td><td>Min: 10 °C</td><td>Min: 10%</td></tr> <tr> <td colspan="3">or 3 °C min. above dew point</td></tr> <tr> <td>Max: 35 °C</td><td>Max: 35 °C</td><td>Max: 80%</td></tr> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 10 °C	Min: 10%	or 3 °C min. above dew point			Max: 35 °C	Max: 35 °C	Max: 80%
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Max: 35 °C	Max: 35 °C	Max: 80%												
Storage & Packaging	<p>Store away from direct sun, heat and severe cold</p> <p>Packaging: 5 L</p>													

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Surface Preparation	<p>Ensure that surfaces are dry, sound and free from dust, dirt, grease and oil before painting.</p> <p>1. NEW WORK:</p> <p>1.1 <u>Cement plaster, concrete, gypsum plaster (e.g. Rhinolite, Cretestone), gypsum board, e.g. Rhino board) and unglazed brick:</u> Remove any loose particles and laitance by most suitable means and paint directly. If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then these areas must be sealed with PLASCON PLASTER PRIMER (UC 56). Soft, under bound, friable and highly porous surfaces must be restored to a sound condition with PLASCON PLASTER PRIMER UC 56.</p> <p>1.2 <u>Mild steel:</u> Remove rust. Degrease with AQUASOLV DEGREASER (GR 1). Prime with PLASCOSAFE 18 RED OXIDE PRIMER (EMS 18), COASTCOTE ETCH PRIMER (SNK SERIES) or HS ZINC PHOSPHATE ALKYD PRIMER (QDP RANGE).</p> <p>1.3 <u>Galvanised Iron:</u> Clean with PLASCON GALVANISED IRON CLEANER (GIC 1) to achieve a water break-free surface. Rinse thoroughly with fresh water. Prime with GALVANISED IRON PRIMER (GIP 1) or STRONTIUM CHROMATE EPOXY PRIMER (AW 255).</p>
Application	<ul style="list-style-type: none"> • Ready for use by brush or roller application. • Do not use a sponge roller.
Cautions	<ul style="list-style-type: none"> • Not recommended for friable slurry surfaces and concrete that is not suitably prepared • Adhere to strict batch rotation procedure. • Always keep containers tightly closed when not in use.
Safety Precautions	<ul style="list-style-type: none"> • Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • Avoid skin contact. If accidental contact with skin should occur, wash immediately with soap and water or a recognised skin cleaner. • Take care to avoid contact with the eyes. In case of contact, immediately rinse the eyes with plenty of water and seek medical attention. • Harmful if swallowed. Seek medical attention and do not induce vomiting. • Do not smoke while painting. • Avoid inhaling spray mist as this may cause respiratory irritation • Refer to Safety Data Sheet for complete information.

DISCLAIMER:

The recommendations contained herein are given in good faith and are meant to guide the specifier or the user. They are based on results gained from our tests and experiences and are believed to be reliable. No guarantee is implied by the recommendations contained herein since conditions of use, method of application and cleanliness of the substrate prior to painting are beyond our control.

N.B. Technology may change with time necessitating changes to this Technical Data Sheet (TDS). It is the responsibility of the user to ensure that the latest TDS is being used.

NB: TO ORDER: Quote product name, product code number, packaging and colour.

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