

PROFESSIONAL ACRYLIC ENGEN BLUE

PRODUCT CODE: REF 160

TECHNICAL DATA SHEET

Product Description	Premium quality water-based semi-gloss enamel for interior and exterior use.													
Intended Uses	Used as a decorative and protective finish on interior and exterior mild iron, galvanised steel, timber and masonry.													
Features & Benefits	<ul style="list-style-type: none"> Dries quickly to a tough durable finish with good weather resistance. Low odour Provides a smooth semi gloss finish Water-based 													
Product Information	Appearance	Semi gloss												
	Colour	Engen Blue (REF 160)												
	Solids	Approx. 44 % by mass; 35 % by volume (typical)												
	S G	1,3 kg/L (typical)												
	Recommended DFT per coat	Min: 25 µm Max: 35 µm												
	Theoretical spreading rate	10 m²/L at 35 µm DFT												
	Viscosity at 23 °C	85-95 KU (typical)												
	Flash point	Non-flammable												
Application Details	Mixing	Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.												
	Method	Brush, mohair roller or conventional spray. Conventional spray: Suitable nozzle orifice 1 - 1,5 mm. Nozzle pressure 2,75 – 4,13 bar NOTE: Conventional spray could result in low applied DFT and two coats may be required to obtain specified thickness.												
	Thinning	Not recommended for brush and roller application. For Spray application thin with water up to 10% by volume												
	Cleaning	Water												
	Drying time	Touch dry: 30 min @ 23 °C Overcoating: 4 h @ 23 °C												
	Application Environment	<table border="1"> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></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: 40 °C</td><td>Max: 40 °C</td><td>Max: 85 %</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: 40 °C	Max: 40 °C	Max: 85 %
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Max: 40 °C	Max: 40 °C	Max: 85 %												
Storage and Packaging	Store away from direct sun, heat and severe cold. Packaging: 5 L.													

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Surface Preparation	As per Engen specifications
Application	<ul style="list-style-type: none">• Stir thoroughly with a flat paddle and apply by brush roller or spray. (See application details)• Apply two coats to achieve complete obliteration.• Always maintain a wet edge and avoid downing tools during the application process to prevent lap marks and variances in colour or texture. Work from corner to corner or from a natural cut off point to another. Do not attempt touch ups but redo complete panels.
Cautions	<ul style="list-style-type: none">• N.B. Freshly painted windows, cupboard doors and drawers must be allowed to dry for at least 12 h at 23 °C before closing.• Not recommended for chemical environments.• Heavy applications exceeding 200 µm WFT should be avoided to prevent sagging
Safety Precautions	<ul style="list-style-type: none">• Keep out of reach of children.• Ensure good ventilation during application and drying.• In case of skin contact, wash with soap and water or a recognised skin cleaner.• Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist.• Harmful if swallowed. Do not induce vomiting. Seek medical attention.• 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.

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

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