

TRADEPRO GLOSS ENAMEL (UWE 1)

Technical Data Sheet

Date of Issue 01/09/2020

Revision date: 26/03/2021

Version 6.0

Product Description	A good quality solvent based enamel paint.													
Intended Uses	<ul style="list-style-type: none"> Suitable for interior and exterior surfaces Used as a decorative and protective finish on suitably primed surfaces of mild steel, timber and masonry such as door and window frames, handrails, gates, fascias, trim work as well as bathroom and kitchen walls. 													
Features & Benefits	<ul style="list-style-type: none"> Dries to a smooth high gloss finish Excellent hiding Durable 5 Year Quality Guarantee (Refer to T&Cs at www.plascon.com). 													
Product Information	<p>Appearance: High Gloss</p> <p>Colour: White and standard colours</p> <p>Volume Solids: 30%</p> <p>Recommended DFT: 25 – 35 µm per coat</p> <p>Recommended WFT: 83 – 117 µm per coat</p> <p>Theoretical spreading rate: 9-11 m²/L @ 30 µm DFT. This serves as a guide only</p> <p>Practical spreading rate: The practical spreading rate will vary depending on the profile of the substrate, as well as the application technique and tools used.</p> <p>VOC: 3 g/L</p>													
Application Details	<p>Mixing: Stir thoroughly with a flat paddle until homogeneous and stir periodically during use.</p> <p>Method: Brush, roller or spray.</p> <p>Thinning: Not necessary to thin for brush and roller application. For spray application thin approx. 10 parts GLOSS ENAMEL to 1-part MINERAL TURPENTINE or White Spirits by volume.</p> <p>Cleaning: MINERAL TURPENTINE (AZH).</p> <p>Drying time: Touch dry: 6 h @ 23 °C Over coating: 16 h @ 23 °C</p> <p>Application Environment</p> <table border="1"> <thead> <tr> <th>Surface Temperature</th><th>Ambient Temperature</th><th>Relative Humidity</th></tr> </thead> <tbody> <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> </tbody> </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 %	
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 %												
Storage & Packaging	<p>Store away from direct sun, heat and severe cold.</p> <p>Packaging: 1 L and 5 L</p>													
Surface Preparation	<p>Ensure that surfaces are dry, sound, and free from dust, dirt, grease and oil before painting.</p> <ol style="list-style-type: none"> NEW WORK <ol style="list-style-type: none"> Cement plaster, concrete and unglazed brick. Remove any loose particles and laitance by most suitable means. For interior and/or exterior prime with TRADEPRO SOLVENT BASED PLASTER PRIMER (USP 1) or TRADEPRO WATER BASED PLASTER PRIMER (UWP 1) or any other recommended Plascon primer. Please note UWP 1 is not suitable for areas prone to prolonged moisture, above 8% when measured with the Doser Hygrometer moisture meter B2 scale for cement plaster and B4 scale for concrete. Gypsum plaster (e.g. Rhinolite, Crestone): Apply one coat of TRADEPRO SOLVENT BASED PLASTER PRIMER (USP 1). If a gypsum plaster has been used as the joint skimming filler on gypsum board or dry wall partitioning, then seal these areas with TRADEPRO SOLVENT BASED PLASTER PRIMER (USP 1). Fibre cement board: Prime with PLASCON BONDING LIQUID (CVI 14). Wood: Seal knots with KNOT SEAL (PK 2). Then prime with PLASCON WOOD PRIMER (UC 2). Hardboard: Prime with TRADEPRO WATER BASED PLASTER PRIMER (UWP 1). 													

TRADEPRO GLOSS ENAMEL (UWE 1)

Technical Data Sheet

Date of Issue 01/09/2020

Revision date: 26/03/2021

Version 6.0

Surface preparation Continued	<p>1.6 <u>Mild steel:</u> Remove rust by coarse sanding, mechanical grinding etc. Degrease with PLASCON AQUASOLV DEGREASER (GR 1) and rinse thoroughly with water. Prime with METALCARE MILD STEEL PRIMER (UC 501).</p> <p>1.7 <u>Galvanised steel:</u> Clean with GALVANISED IRON CLEANER (GIC 1) and rinse thoroughly with water to achieve a water break-free surface. Prime with GALVANISED IRON PRIMER (GIP 1).</p> <p>2. PREVIOUSLY PAINTED SURFACES</p> <p>2.1 <u>Previously painted surfaces in good condition:</u> Remove loose and flaking paint back to a sound substrate and a firm edge by scraping and sanding. Clean with POLYCELL SUGAR SOAP POWDER solution to remove all contaminants and chalked material. Rinse with clean water to remove all traces of sugar soap. Alternatively, clean with high pressure water jet. Spot prime bare areas with appropriate primer. Sand glossy enamel surfaces to a matt finish and apply one coat of TRADEPRO UNDERCOAT (UWU 1).</p> <p>2.2 <u>Previously painted surfaces in poor condition:</u> Completely remove paint by most suitable means e.g. scraping, coarse sanding or by stripping. Wash thoroughly with POLYCELL SUGAR SOAP POWDER solution. Rinse well with fresh water to remove all traces of the cleaning agents and debris. Ensure substrate is sound, not powdery or friable, prior to coating. Proceed as for NEW WORK.</p> <p>3. FILLING: Fill all defects with the suitable POLYCELL POLYFILLA and spot prime filled areas with TRADEPRO SOLVENT BASED PLASTER PRIMER (USP 1).</p> <p>4. UNDERCOAT: To all surfaces prepared and primed as above, apply a coat of TRADEPRO UNDERCOAT (UWU 1).</p>
Application	<ul style="list-style-type: none"> • Ready for use by brush or roller. • Apply 2 or more coats to achieve complete obliteration • For spray application thin as recommended. • 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"> • Not recommended for areas where chemical resistance is required. • Heavy applications (exceeding 100 µm WFT) should be avoided to prevent wrinkling.
Safety Precautions	<ul style="list-style-type: none"> • Always keep paint out of reach of children. • Ensure good ventilation during application and drying. • 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. • Flammable. Store in a cool dry place away from heat and sparks. • Refer to Safety Data Sheet for complete information.



TRADEPRO GLOSS ENAMEL (UWE 1) Technical Data Sheet

Date of Issue 01/09/2020

Revision date: 26/03/2021

Version 6.0

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.

KANSAI PLASCON (PTY) LIMITED

10 Frederick Cooper Drive,
Factoria, Krugersdorp
South Africa
1739.
Tel: +27 11 951 4500
Fax: +27 800 110 932

PLASCON ADVISORY SERVICE: 0860 20 40 60

EMAIL: advice@kansaiplascon.co.za