

ULTRA HIGH-PERFORMANCE RUNWAY & ROAD MARKING PAINT

PRODUCT CODE: UTP 1 & 2

TECHNICAL DATA SHEET

Product Description	A high-performance water-based coating.													
Intended Uses	<ul style="list-style-type: none"> For the marking of bituminous asphalt airport runways and bitumen road surfaces where extended performance and durability is required. Suitable for marking lines on bituminous surfaces where a fast-drying paint is required with or without the addition of drop-on glass beads 													
Features & Benefits	<ul style="list-style-type: none"> Excellent glass bead retention Excellent water resistance Excellent weathering and durability Good resistance for jet fuel, petrol and diesel Good abrasion resistance. Quick drying. 													
Product Information	Appearance Colour Generic type Volume Solids (mixed) Viscosity at 23°C Recommended DFT Recommended WFT Theoretical Spreading Rate Practical spreading rate TVOC	Matt White (UTP 1), Golden Yellow BS356 (UTP 2) Acrylic Emulsion 60 % 90-95 KU 400 – 500 µm per coat 667 – 883 µm per coat 1.3 m²/L per coat at 450 µm DFT at stated volume solids The practical spreading rate will vary depending on the surface profile of the substrate, as well as the application technique and tools used. 51.05 g/L white, 38.5 g/L yellow												
Application Details	Mixing Method Thinning Cleaning Drying time Application Environment	Ready for use Airless spray is recommended. Typical spray parameters are: Airless tip: 719 for 150 mm line, 515 for 100 mm line Pressure: 1700-2000 psi Filter: 50 mesh Not recommended. Water. Equipment must be cleaned thoroughly with water immediately after use. Dry to no pick up: 20 min @ 23 °C <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: 80 %</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: 80 %
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Storage & Packaging	<p>Store in an upright position, away from direct sun, heat and severe cold.</p> <p>Packaging: 200 L</p> <p>Shelf Life: 12 Months</p>
Surface Preparation	<p>BITUMEN:</p> <ul style="list-style-type: none"> The surface to be marked must be clean, dry and sound. Free from oil, grease, loose particles and other contaminants. Painting before bitumen has cured for 3 months is considered a temporary road marking
Application	<ul style="list-style-type: none"> Apply one coat at the recommended spreading rate approx. 2m²/L with beads on smooth surfaces. For rougher chip and spray surfaces application, rate must be adjusted to achieve the correct transfer efficiency and film build.
Cautions	<ul style="list-style-type: none"> Not recommended for friable slurry surfaces and concrete that is not suitably prepared Use only Silane coated or silicone free beads Bead size should be 150-850µm to give maximum retro reflectance & bead retention (50-60 % immersion is recommended) Adhere to strict batch rotation procedure, Shelf life 6 months 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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