

SPRINTCOTE DIRECT TO METAL INDUSTRIAL ENAMEL TINTBASES

PRODUCT CODE: SPT 1000 & 3000

TECHNICAL DATA SHEET

Product Description	High quality, fast drying high gloss industrial direct to metal enamel tint bases.													
Intended Uses	<ul style="list-style-type: none"> Ideal for gas cylinders, pumps, motors, plant machinery and structural steel. Can also be used as a premium top coat over zinc phosphate primers. 													
Features & Benefits	<ul style="list-style-type: none"> Quick Drying Good Gloss Good adhesion Provides corrosion protection 													
Product Information	Appearance Tint bases Tinting Generic Type S G at 23 °C Volume Solids Mass Solids Flash point Recommended WFT Recommended DFT Theoretical spreading rate Supply Viscosity (23°C) VOC	Gloss Pastel (SPT 1000), Transparent (SPT 3000) Tint with ACT 3000 Alchemy 3 Colourants Alkyd 0.9 - 1.1 kg/L (typical) 41.78 – 44.06 % 50.89 – 54.29 % ≤ 15 °C Min: 110 µm, Max: 167 µm per coat Min: 40 µm, Max: 60 µm per coat 8.3 – 8.8 m²/L @ 50 µm DFT at stated volume solids 65 – 70 KU 462 – 564 g/L												
Application Details	Mixing Substrates Method Thinning Cleaning Drying Times @ 23°C Application Environment	Stir thoroughly with a flat paddle until homogenous Thoroughly cleaned steel or blasted steel Conventional Spray: Suitable nozzle orifice 1.0-1.5 mm. Recommended nozzle pressure 40-60 psi Thin to spray viscosity 18-22 s Ford Cup 4 @ 23°C with (TH 77) Enamel Thinner NO.40 LACQUER THINNER (ILS 1) Touch Dry: 20 min Hard Dry: 1 h Over coating: Before 2 h or after 24 h												
<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 above dew point</td></tr> <tr> <td>Max: 35 °C</td><td>Max: 35 °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 above dew point			Max: 35 °C	Max: 35 °C	Max: 85 %
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Surface Preparation	<ul style="list-style-type: none"> All steel surfaces must be thoroughly clean and dry prior to coating. Remove oil, grease, dirt and other contaminants with PLASCON AQUASOLV DEGREASER (GR 1). Rinse thoroughly with water and allow to dry. 													
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, clean and get immediate medical attention. Take care to avoid contact with eyes. Harmful if swallowed. Do not induce vomiting. Seek medical attention. Material is flammable and should be stored in a cool dry place away from heat and sparks. Refer to Safety Data Sheet for complete information. 													

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DISCLAIMER:

The recommendations contained herein are given in all 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.

NB: 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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