

WATERBASED ELECTROSTATIC

PRODUCT CODE: WES RANGE

TECHNICAL DATA SHEET

Product Description	Quick drying single pack water-based epoxy													
Intended Uses	Direct-to-metal coating for use on mild steel and related surfaces.													
Features & Benefits	<ul style="list-style-type: none"> • Excellent corrosion protection. • Outstanding adhesion and mechanical properties. • Quick drying. 													
Product Information	<p>Appearance Colour</p> <p>Volume Solids (mixed) Recommended DFT Recommended WFT Viscosity at 23°C Theoretical Spreading Rate Flash Point VOC</p>	<p>Medium Gloss Black (WES 2), A58 Protea Pink (WES 3), B07 Brown (WES 5), H07 L Brunswick Green (WES 7), H30 French Grey (WES 9), 540-B20G Peacock Blue (WES 10) and A11 Signal Red (WES 11)</p> <p>38 – 39% Min.: 50 µm Max.: 60 µm per coat Min.: 125 µm Max.: 150 µm per coat 90 – 95 KU 6.5 m²/L per coat at 60 µm DFT at stated volume solids Non-flammable 11 g/L</p>												
Application Details	<p>Mixing Method</p> <p>Thinning Cleaning Drying time</p> <p>Application Environment</p>	<p>Single pack. Stir until homogeneous.</p> <p>Airless Spray: Suitable nozzle orifice: 15Thou. Thinning is not recommended for airless spray. Max wet film thickness: 150µm</p> <p>Conventional spray: Suitable nozzle orifice: 1,5 mm. Nozzle pressure: 30 - 40 psi NOTE: Conventional spray could result in low applied DFT and two coats may be required to obtain specified thickness. Not recommended.</p> <p>Water. Equipment must be cleaned thoroughly with water immediately after use.</p> <p>Touch dry: 30 min. @ 23 °C Dry to handle: 4 h @ 23 °C (Reduced drying times with warm air blowers)</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: 8 °C</td><td>Min: 10 %</td></tr> <tr> <td colspan="3">or 3 °C min. above dew point</td></tr> <tr> <td>Max: 38 °C</td><td>Max: 38 °C</td><td>Max: 85 %</td></tr> </tbody> </table>	Surface Temperature	Ambient Temperature	Relative Humidity	Min: 10 °C	Min: 8 °C	Min: 10 %	or 3 °C min. above dew point			Max: 38 °C	Max: 38 °C	Max: 85 %
Surface Temperature	Ambient Temperature	Relative Humidity												
Min: 10 °C	Min: 8 °C	Min: 10 %												
or 3 °C min. above dew point														
Max: 38 °C	Max: 38 °C	Max: 85 %												

WATERBASED ELECTROSTATIC

PRODUCT CODE: WES RANGE

Storage & Packaging	Store away from direct sun, heat and severe cold Packaging: 20 L plastic
Surface Preparation	<p>Surfaces may be damp but not wet and clean, free from oil, grease or any other contaminants.</p> <p>1) MILD AND HOT ROLLED STEEL: Remove oil, grease and other contaminants using PLASCON AQUASOLV DEGREASER (GR 1) or REMOVAL HIGH STRENGTH DEGREASER (RCI 70) followed by clean water rinses, to a water break-free surface. For best performance the preferred treatment is to abrasive blast clean steel surfaces to grade SA 2 ½ of the ISO Standard 8501-1:2007 with a blast profile of 30 – 35µm. Alternatively prepare steel by wire brushing to grade St 3 or St 2 of the above standards (i.e. remove loose rust and all other contaminants). This treatment, however, is not as effective and results in a short maintenance-free life.</p> <p>2) PREVIOUSLY PAINTED SURFACES: Remove any loose paint, rust and other contaminants. Sand old paint thoroughly to provide a key.</p>
Cautions	<ul style="list-style-type: none"> • Low temperatures and high humidity retard drying. • Must not be used at air / substrate temperature below 5 °C.
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. • 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.

KANSAI PLASCON (PTY) LTD

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