

ELECTROSTATIC BLACK

PRODUCT CODE: ES 92

TECHNICAL DATA SHEET

Product Description	A single pack black etch coat													
Intended Uses	This product is designed as a fast-drying coating for metal surfaces. It is specified for use on shock absorbers. For suitably prepared mild steel and galvanised steel, also abraded aluminium.													
Features & Benefits	<ul style="list-style-type: none"> • Fast drying. • Resistant to oil spills and splashes. • Good temperature resistant properties. • Good salt spray resistance 													
Product Information	Colour	Black												
	Appearance	Gloss 10-20 gloss units at 60 ° Head												
	Resistivity	80-150 KOHms												
	Recommended DFT	30-35 µm												
	Recommended WFT	167-195 µm												
	Viscosity at 23 °C	18-24 Sec Ford Cup No. 4												
	Volume solids	17-21 %												
	Theoretical Spreading Rate	6m ² /L @ 30 µm DFT												
	Density	0.94 kg/L												
	Flash point	< 23 °C												
	VOC	672.62 g/L												
Application Details	Mixing	Stir with a flat paddle until completely homogeneous. Stir occasionally during use.												
	Method	Airless spray, conventional spray or electrostatic spray.												
	Thinning	ELECTROSTATIC BLACK (ES 92) is supplied at correct spraying viscosity and conductivity for electrostatic application.												
	Cleaning	COASTCOTE THINNER (SNK 7).												
	Drying time	Touch dry: 15 mins @ 23 °C and 65% Relative Humidity Dry to handle: 30 mins @ 23 °C Overcoating: 1 h @ 23 °C												
	Stoving schedule	Flash off: 5 mins @ 23°C and 65% Relative Humidity Stoving: 25 – 30 mins @ 75-90 °C Cool: 30 – 40 mins @ 23												
	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 %
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 and Packaging	Store away from direct sun, heat, flames, sparks and severe cold. Pack size: 25 L , 200 L													

ELECTROSTATIC BLACK

PRODUCT CODE: ES 92

Surface Preparation	<p>All surfaces must be firm, dry and clean, free from oil, grease or any other contaminants.</p> <p>MILD STEEL:</p> <p><u>General Applications</u></p> <ul style="list-style-type: none"> Degrease with AQUASOLV DEGREASER (GR 1) and rinse thoroughly with fresh water. Allow to dry. Prepare steel by wire brushing to grade St 3 of ISO 8501-1:2007 <p><u>Component and OEM Aftermarket</u></p> <ul style="list-style-type: none"> For optimum anti-corrosion properties, a 5-stage pre-treatment/phosphating process is advised. This would consist of: degreasing, followed by rinse. Then phosphating process/rinse and passivation. <p>GALVANISED STEEL:</p> <ul style="list-style-type: none"> Clean with GALVANISED IRON CLEANER (GIC 1) to a water break-free surface. Rinse thoroughly with fresh water and allow to dry. <p>ALUMINIUM:</p> <ul style="list-style-type: none"> Degrease with AQUASOLV DEGREASER (GR 1) followed by fresh water rinses. Abrade with scouring pad to remove oxide layer. Overcoat within 4 hours.
Application	Thin and apply as recommended. The gloss and resistance properties are dependant on the correct film build.
Safety Precautions	<ul style="list-style-type: none"> Keep out of reach of children. Flammable. Ensure good ventilation and do not smoke during application and drying. Avoid skin contact. In case of contact, wash immediately 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. If inhaled remove from further exposure. Seek medical attention immediately if adverse symptoms occur. 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.

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