






Technical Data Sheet

BAKKIELINE

Product Description	<ul style="list-style-type: none"> • A waterbased coating for vehicle underbodies and working areas. • Appearance: Low Sheen. • Colour: Black.
Intended Uses	<ul style="list-style-type: none"> • A liner to protect the underbody of vehicles from stone chips and to prevent damage to the paint of the working areas of utility vehicles.
Technical Description	<ul style="list-style-type: none"> • Hard wearing and flexible. • Very good resistance to abrasion, impact and stone chipping. • Resistant to diesel, oil, petrol and dilute hydrochloric and sulphuric acids. • Excellent resistance to water and marine environments. • May be overcoated by itself or nitrocellulose, alkyd and polyurethane coatings.
Substrate	<ul style="list-style-type: none"> • Correctly prepared Automotive Painted/Primed surfaces.
Surface Preparation	<div data-bbox="438 1171 555 1285" data-label="Image"> </div> <ul style="list-style-type: none"> • All surfaces must be clean, firm and dry before painting. • Automotive paint must be in good condition. • Particular care must be taken in cleaning vehicle underbodies, recessed and rusted areas. • Automotive Paint: <ul style="list-style-type: none"> • Remove any loose and flaking paint by scraping, sanding etc. • Clean all surfaces with PLASCON ACRYLINE PRE CLEANER (ATH 310) to remove all traces of grease, oil, tar, saline deposits and any other contaminants. • Sand paint thoroughly with fine paper to create a key. • Remove dust by vacuum cleaning or other suitable means before applying BAKKIELINE (ABL 1). • Rusted areas: <ul style="list-style-type: none"> • Remove all rust back to bright metal by sanding, etc. Remove dust. Spot prime bare steel or galvanized steel with PLASCON ACRYLINE 1K ETCH PRIMER (APU 107). Allow to dry for 15 min. @ 23°C. before overcoating with BAKKIELINE (ABL 1). • If rust cannot be removed completely, remove all loose rust to a firm substrate. Remove dust. Apply a liberal coat of Polycell Rusist where firm rust remains. Allow to dry for a minimum of 4 hours before overcoating with BAKKIELINE (ABL 1).

<p>Application</p> <p>Method of Application</p> <p>Practical Spreading Rate</p> <p>Application Environment</p> <p>Dry Temperature Resistance</p>	 <ul style="list-style-type: none"> • Use air fed respirator. • Refer to relevant Health and Safety Data sheets. <ul style="list-style-type: none"> • Venturi Underbody Gun - 6mm nozzle. <ul style="list-style-type: none"> • 3L/m2. <table border="0"> <thead> <tr> <th>• Surface Temp.</th> <th>Ambient Temp.</th> <th>Rel. Humidity</th> </tr> </thead> <tbody> <tr> <td>• Min: 10°C</td> <td>Min: 10°C</td> <td>-</td> </tr> <tr> <td>• Max: 45°C</td> <td>Max: 40°C</td> <td>Max: 85°C</td> </tr> </tbody> </table> <ul style="list-style-type: none"> • Caution: High humidity and low temperatures will retard drying. <ul style="list-style-type: none"> • Continuous... 90°C. Non-continuous... 120°C. 	• Surface Temp.	Ambient Temp.	Rel. Humidity	• Min: 10°C	Min: 10°C	-	• Max: 45°C	Max: 40°C	Max: 85°C
• Surface Temp.	Ambient Temp.	Rel. Humidity								
• Min: 10°C	Min: 10°C	-								
• Max: 45°C	Max: 40°C	Max: 85°C								
	 <ul style="list-style-type: none"> • Stir thoroughly with a flat paddle until homogenous before use (Shake the 1 litre container before use).  <ul style="list-style-type: none"> • RFU - no thinning required.  <ul style="list-style-type: none"> • 1 Coat - Light Duty. • 2 Coats - Medium Duty. • 3 Coats - Heavy Duty. • Flash-off time of 30min. between coats @ 23°C.  <ul style="list-style-type: none"> • Recoating: 4 h at 23°C. • Dry to handle: 4 h at 23°C. • Before use: 6 h at 23°C min. for underbodies. • 48 h at 23°C min. for working areas. 									
<p>Flashpoint</p>	<ul style="list-style-type: none"> • Non-Flammable. 									
<p>Specific Gravity</p>	<ul style="list-style-type: none"> • 1,19 (typical). 									
<p>Viscosity</p>	<ul style="list-style-type: none"> • 110 – 120 K.U. @ 23°C. 									
<p>Solid Content</p>	<ul style="list-style-type: none"> • Approx. 63% by mass, 40% by volume. 									
<p>Recommended DFT</p>	<ul style="list-style-type: none"> • Min: 2 - 3 mm. • Max: 4 - 5 mm. 									
<p>Cleaning of Equipment</p>	<ul style="list-style-type: none"> • Water. 									

Storage	<ul style="list-style-type: none"> • Store away from direct sun, heat and severe cold.
Important Remarks	<ul style="list-style-type: none"> • For professional use only.
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, wash with soap and water or a recognized skin cleaner. Avoid contact with eyes – In case of contact, rinse eyes immediately with plenty of water and seek medical advice if symptoms persist. If ingested give plenty of water / milk. Do not induce vomiting. Seek medical attention. Avoid inhaling spray mist as this may cause respiratory irritation. • Refer to SAFETY DATA SHEET (SDS) for further advice.



- Protect from sunlight.



- Protect from severe cold.



- Working areas should be well ventilated.
- Booth must have good extraction.
- Refer to Safety Data Sheet (SDS), for download from www.plascon-automotive.co.za.



- This Product contains flammable materials.
- Keep away from sparks & open flames.
- No smoking permitted in the area.

Warning:

Contact with skin and eyes should be avoided. Contact with eyes should be referred to a Doctor after washing with water. Gloves and goggles should be worn when handling these products, as well as suitable respiratory equipment. Ensure work area is well ventilated. Inhalation of spray mists must be avoided. Splashes of paint in eyes should be flushed out with water. Contact lenses, if in use, must be removed. Paint in contact with skin must be removed promptly and then washed with soap and water.

Note:

The information contained here represents the current state of our knowledge and is intended as a guide to our products and their uses. It is not intended as an insurance of certain product properties or of their specific applications. The warnings displayed on the product labels should be followed. Any industrial property rights should be observed. We guarantee perfect product quality under the terms of our general conditions of sale.

All other Technical Data Sheets (TDS's) can be downloaded from www.plascon-automotive.co.za.

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. Should a recommendation be of a GENERAL NATURE and not refer to any particular project, and should the reader wish to use the general specification for a PARTICULAR project, then he should first confirm with the Technical Service Department that the specification can be used. Not all products referred to in this Data Sheet are stock items. Many are manufactured only on receipt of official customer orders. It is essential, therefore, where time is of the essence, to check availability and manufacturing lead times with us.

Kansai Plascon Proprietary Limited

Alberton

14 Union Street,
Union Park, Alberton
1449
Tel: +27 (0) 11 861-0300

Port Elizabeth

4 Bedford Street,
Neave Township
6020
Tel: +27 (0) 41 401-1400

