







Technical Data Sheet

Water Based Stone Chip Protector

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| <p>Product Description</p> | <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. • Hard wearing and flexible. • Very good resistance to abrasion, impact and stone chipping. • Resistant to diesel, oil and petrol. • Excellent resistance to water and marine environments. • May be overcoated by itself or nitrocellulose, alkyd and polyurethane coatings. |
| <p>Technical Description</p> | <ul style="list-style-type: none"> • Semi-Matt. • Black, Grey, White. • Recommended DFT Min: 1 - 2 mm. • Max: 3 mm. |
| <p>Working Process</p> | <ul style="list-style-type: none"> • Waterbased Acrylic Stone Chip. |
| <p>Substrate</p> | <ul style="list-style-type: none"> • Should not be applied to bare metal, only on top of sound, well painted surfaces. • All surfaces must be clean, firm and dry before painting. • Particular care must be taken in cleaning vehicle underbody, recessed and rusted areas. • Remove any loose and flaking paint by scraping, sanding etc. • Sand paint thoroughly with fine paper to create a key. |
| <p>Pretreatment / Cleaning</p> |  <ul style="list-style-type: none"> • Ensure that all surfaces are clean, free from dust, oil, grease or other contaminants by using Acryline Pre-cleaner (ATH 310). |
| <p>Application</p> |  <ul style="list-style-type: none"> • Use air fed respirator. • Refer to relevant Health and Safety Data sheets. |
| <p>Special Notes</p> | <ul style="list-style-type: none"> • Rusted areas: • 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). |

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| <p>Application Environment</p> | <ul style="list-style-type: none"> • Allow to dry for 15 min @ 23°C before overcoating with Stonechip Protector (ASC 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 StoneChip Protector (ASC 1). <table border="0"> <tr> <td>• Surface Temp.</td> <td>Ambient Temp.</td> <td>Rel. Humidity</td> </tr> <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> </table>  <ul style="list-style-type: none"> • RFU - no thinning required.  <ul style="list-style-type: none"> • Applied material should have a pleasant texture appearance. • 1 Coat - Light Duty. • 2 Coats - Medium Duty. • 3 Coats - Heavy Duty. • Caution: High humidity and low temperatures will retard drying.  <ul style="list-style-type: none"> • Recoating: 1 hour @ 23°C. • Dry to handle: 1 hour @ 23°C. • Before use: 3 hours @ 23°C min. for underbodies. 24 hours @ 23°C min. for working areas.  <ul style="list-style-type: none"> • For a smooth finish ASC 1 should be thinned with water ± 15% and applied using a Gravity Feed gun with 1,8 mm nozzle + 2,0 mm. • Small areas can also be applied by brush application of the unthinned product. | • Surface Temp. | Ambient Temp. | Rel. Humidity | • Min: 10°C | Min: 10°C | | • Max: 45°C | Max: 40°C | Max: 85°C |
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| <p>Flashpoint</p> | <ul style="list-style-type: none"> • > 100°C. | | | | | | | | | |
| <p>Specific Gravity</p> | <ul style="list-style-type: none"> • 1,17 - 1,300 depending on colour. | | | | | | | | | |
| <p>Solid Content</p> | <ul style="list-style-type: none"> • 50% by mass, 36% by volume. | | | | | | | | | |
| <p>Packaging</p> | <ul style="list-style-type: none"> • 1 litre, other pack sizes on request. | | | | | | | | | |
| <p>Cleaning of Equipment</p> | <ul style="list-style-type: none"> • Water. | | | | | | | | | |
| <p>Storage</p> | <ul style="list-style-type: none"> • Store away from direct sun, heat and severe cold. | | | | | | | | | |
| <p>Shelf Life</p> | <ul style="list-style-type: none"> • 12 Months @ 20 - 25°C in original sealed packaging. | | | | | | | | | |

Important Remarks

- 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:

Ready to use paint materials containing isocyanates can cause irritation of the mucous membranes - and of the respiratory organs, in particular - and cause hypersensitive reactions. There is a risk of hypersensitisation if the vapour or spray mist is inhaled. When using materials containing isocyanates, all precautions relating to the handling of solvents should be carefully followed. In particular, care should be taken not to inhale spray mist or vapour. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates. 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.

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