










## Technical Data Sheet

# OBR Range of Mastermix Basecoat Toners

<b>Product Description</b>	<ul style="list-style-type: none"> <li>• Good opacity.</li> <li>• Easy to blend in.</li> <li>• A wide range of coloured Toners including silvers and a full range of pearls.</li> </ul>
<b>Technical Description</b>	<ul style="list-style-type: none"> <li>• Mix with 40 - 50% Basecoat Thinner OBR 1000 (in mixed colour formulation).</li> <li>• Recommended Dry Film Thickness (DFT) 30 - 40 microns.</li> <li>• 2 - 3 spray passes.</li> </ul>
<b>Working Process</b>	<ul style="list-style-type: none"> <li>• 2 stage system.</li> </ul>
<b>Substrate</b>	<ul style="list-style-type: none"> <li>• On all refinished primed surfaces.</li> <li>• Cured sanded painted surfaces.</li> </ul>
<b>Pretreatment / Cleaning</b>	 <ul style="list-style-type: none"> <li>• Ensure that all surfaces are clean, free from Dust, oil, grease or other contaminants by using Acryline Pre-cleaner (ATH 310).</li> </ul>
<b>Application</b>	 <ul style="list-style-type: none"> <li>• Use air fed respirator.</li> <li>• Refer to relevant Health and Safety Data sheets.</li> </ul>   <ul style="list-style-type: none"> <li>• Mix 40/50/60% with Basecoat Thinner (OBR 1000).</li> </ul>  <ul style="list-style-type: none"> <li>• 20 - 22 sec DIN 4 @ 23°C or 22 - 24 sec F4 @ 23°C.</li> </ul>  <ul style="list-style-type: none"> <li>• 1.3 - 1.4 mm.</li> <li>• HVLP: 1.8 - 2 bar.</li> <li>• Conventional: 3 - 4 bar.</li> <li>• 2 - 3 coats = 30 - 40 microns (approx.).</li> </ul>

	 <ul style="list-style-type: none"> <li>• 1.5 - 1.7 mm.</li> <li>• Conventional: 3 - 4 bar.</li> <li>• 2 - 3 coats = 30 - 40 microns (approx.).</li> </ul>  <ul style="list-style-type: none"> <li>• 5 min @ 23°C, Non metallic.</li> <li>• Flash off between coats and final flash off.</li> <li>• Allow metallics 10 min.</li> <li>• Flash off before application of Clear coat.</li> </ul>  <ul style="list-style-type: none"> <li>• Overcoat with Plascon 2K Clear (PTK 10) as per TDS.</li> </ul>
<b>Flashpoint</b>	<ul style="list-style-type: none"> <li>• &lt;23°C.</li> </ul>
<b>Specific Gravity</b>	<ul style="list-style-type: none"> <li>• 0.90 - 1.32 g/cm<sup>3</sup>.</li> <li>• Dependant on colour.</li> </ul>
<b>Solid Content</b>	<ul style="list-style-type: none"> <li>• +/- 36% (by weight).</li> </ul>
<b>Average DFT</b>	<ul style="list-style-type: none"> <li>• 15 - 20 microns per coat.</li> </ul>
<b>Raw Material</b>	<ul style="list-style-type: none"> <li>• Special Blend of resins combined with lightfast and durable pigments, aluminums and mica pearl products.</li> </ul>
<b>Cleaning of Equipment</b>	<ul style="list-style-type: none"> <li>• Clean equipment immediately after use with a suitable thinner.</li> </ul>
<b>Shelf Life</b>	<ul style="list-style-type: none"> <li>• 12 months @ 20 - 25°C in original sealed packaging.</li> </ul>
<b>Important Remarks</b>	<ul style="list-style-type: none"> <li>• For professional use only.</li> <li>• Caution - Clearcoat contains isocyanate. When spraying, operator must wear compressed air breathing apparatus or other suitable protection which is satisfactory for use with isocyanates.</li> </ul>
<b>Limitations:</b>	<p>This product cannot be used over:</p> <ul style="list-style-type: none"> <li>• Unprimed body filler/sprayfiller.</li> <li>• Air drying enamels.</li> <li>• Water based finishes.</li> </ul>



- 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](http://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 MasterMix Technical Data Sheets (TDS's) can be downloaded from [www.plascon-automotive.co.za](http://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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