



TECHNICAL DATA SHEET

CLEAR PEARL BASECOAT

PRODUCT DESCRIPTION

Spray Chief's Clear Pearl Basecoat, is a unique pearlescent effect paint, which utilises light interfering pigments, to produce an optical effect finish. When used over Concept Paint's No Mix Basecoat, the colours of this product evolve from an interaction between the reflection of light in conjunction with the colour of the base to generate a finish which can vary from a brilliant lustre to soft velvety sheen. When clear coated with Spray Chief's 2K Clear (HS) 2:1, a high gloss finish with excellent durability and depth is achieved.

PRODUCT AND ADDITIVES

- Spray Chief Clear Pearl Basecoat
- Spray Chief Basecoat Reducer
- Spray Chief 2:1 MS Hardener


SUITABLE SUBSTRATES

- Spray Chief Epoxy Primer (4:1), available in White, Black and Grey.
- Spray Chief Acrylic Primer Black.
- Concept Paints No Mix Basecoat.

MIXING RATIO

- 1 part Spray Chief Clear Pearl Basecoat colour by volume.
- 50 – 80% Spray Chief Basecoat Reducer by volume.
- If required, 5% by volume of Spray Chief 2:1 MS Hardener can be added to the Clear Pearl Basecoat colour, before thinning, to activate it.

SPRAY GUN AND PRESSURE

SPRAY GUN & PRESSURE:	<ul style="list-style-type: none">• Use HVLP gravity fed gun• Tip: 1.3 – 1.5 mm• Pressure: 350 – 400 kPa• Fan Size: 15 – 20 cm	
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APPLICATION




- All surfaces must be thoroughly sanded and cleaned with a suitable Wax & Grease Remover prior to application.
- Stir thoroughly before use.
- For a better finish, with improvements in adhesion and durability, mix the Spray Chief Clear Pearl Basecoat colour with 5% by volume of Spray Chief 2:1 MS Hardener, before adding the reducer.
- Dependent on the finish required, apply an appropriate base on which Spray Chief's Clear Pearl Basecoat will then be applied. (See the TDS for this product for the correct application procedure).
- Once the correct base has been applied:
 - Apply one medium to wet coat of the Spray Chief Clear Pearl Basecoat colour, allowing 5 to 10 minutes to flash off, or until touch dry.
 - Then apply up to two to three even medium to wet coats, with a minimum 50% spray pattern.
 - Allow each coat to flash off for 5 to 10 minutes at 25°C, before applying the next coat.
 - **NOTE:** This is a multiple coat system, it is very important to take your time when applying the required coats to achieve the colour depth required. To achieve the best finish it must be applied evenly.
 - Allow a window of approximately 1 to 2 hours, but no longer than 6 hours, before applying Spray Chief's 2K Clear (HS) 2:1 (See the relevant TDS).
 - **WARNING:** The spraying environment must be clean and free from any dust particles. Because any particle landing in the Clear Pearl Basecoat colour will be highlighted dramatically, in the finished product.
 - **NOTE:** The main problem with applying this product is patchiness and streaking in the colour. The thickness of the paint film must be even over the entire vehicle. You must spray the entire side of the vehicle, as per the diagram.



RIGHT

WRONG

Disclaimer: Spray Chief has no control over the thickness or application of the product being applied nor the conditions under which it is being used. These instructions are a guide only and a test panel is recommended before use.

<p>SPRAYING VISCOSITY:</p>	<ul style="list-style-type: none"> • 18 – 20 seconds B4 cup at 25°C. 	 <p>18-20 Seconds</p>
<p>FLASH-OFF TIME:</p>	<ul style="list-style-type: none"> • 5 - 10 minutes between coats at 25°C. 	
<p>RECOATING:</p>	<ul style="list-style-type: none"> • 1 – 2 hours (max. 6 hours) at 25°C for a Dry Film Thickness of 20 – 25 Micron. • For a superior finish, flatten with 1200 W/D before clear coating. 	

TECHNICAL INFORMATION

COLOUR	Large Range Available
COVERAGE:	8 m ² /L @ 25 Micron Dry Film Thickness.
VOC:	Average: 736 g/L
PACKAGING:	1LT
ITEM CODE:	A16/F10, A16/F1, A16/SP and A16/SS
SHELF LIFE:	12 Months

SAFETY PRECAUTIONS

Please refer to the relevant Safety Data Sheet before using this product.

The above information is reliable and accurate to the best of our knowledge at the time of preparation. Any recommendations or suggestions made are without warranty or guarantee. Users assume all responsibility since the conditions of use are beyond our control.

REVISED: 26 February 2014

REPLACES ISSUE:

Clear Pearl Basecoat

Page 4 of 4