



## TECHNICAL DATA SHEET

# CANDY PEARL BASECOAT

### PRODUCT DESCRIPTION

Spray Chief's Candy Pearl Basecoat, is a unique pearlescent effect paint, which utilises light interfering pigments, to produce an optical effect finish. The colours of this product evolve from an interaction between the reflection of light in conjunction with the colour of the paint 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 Candy Pearl Basecoat
- Spray Chief Basecoat Reducer
- Spray Chief 2:1 MS Hardener


### SUITABLE SUBSTRATES

- Spray Chief Epoxy Primer (4:1), Black (Only).
- Spray Chief Acrylic Primer Black.

### MIXING RATIO

- 1 part Spray Chief Candy 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 Candy Pearl Basecoat colour, before thinning, to activate it.

## SPRAY GUN AND PRESSURE

SPRAY GUN & PRESSURE:	<ul style="list-style-type: none"><li>• Use HVLP gravity fed gun</li><li>• Tip: 1.3 – 1.5 mm</li><li>• Pressure: 350 – 400 kPa</li><li>• Fan Size: 15 – 20 cm</li></ul>	
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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 Candy Pearl Basecoat colour with 5% by volume of Spray Chief 2:1 MS Hardener, before adding the reducer.
- To achieve the correct look, Spray Chief's Candy Pearl Basecoat must be applied over previously applied Spray Chief's Epoxy Primer (4:1) or Acrylic Primer Black, with a minimum 50% spray patterned overlap. (See the TDS for these products for the correct application procedure).
- Once the correct base has been applied:
  - Apply one medium to wet coat of the Spray Chief Candy Pearl Basecoat colour, allowing 5 to 10 minutes to flash off, or until touch dry.
  - Then apply up to four to five 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 Candy 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. As the coating is transparent, the more coats applied the darker the colour will be. 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.



## **SAFETY PRECAUTIONS**

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

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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:**

***Candy Pearl Basecoat***

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