



## Technical Data Sheet

Date of issue	Revision Date	Version
13/01/16	11/06/19	1.3
Product Code	Product Name	
<b>C _ _ _ -</b>	<b>Color Shift Pearl</b>	

**Color Shift Pearl** is a color shifting paint with an extreme metallic look. Designed to be used over DNA™ "Pure Black" BaZecoat™ (# B113) (for maximum color effect) or any other Profile BaZecoat™ color to produce a comprehensive range of rich color changing effects. For best results and maximum UV protection top coat with DNA™ 2K Clear Coat of your choice.

**Color Shift Pearl** Always check that you have the latest TDS



### SURFACE PREP

Surface must be clean and suitably prepared, and ground coated with a DNA™ BaZecoat™. Darker groundcoats will produce a more dramatic effect.



### MIXING RATIO

60%:40% (1.5 part to 1 part) with DNA™ Basecoat reducer Stir contents thoroughly



### NUMBER OF COATS

2~3 medium wet coats\*\*



### CONVENTIONAL - GUN SET UP

1.2~1.4 Fluid tip  
10~20 cm Spray distance  
20~45 psi Air pressure  
15~25 cm Fan size



### HVLP - GUN SET UP

1.2~1.4 Fluid tip  
10~15 cm Spray distance  
10~15psi at the cap  
15~25 cm Fan size



### FLASH TIME @ 25°C

5~10 min between coats  
15~30-min Clear coat



### CURE TIMES @ 25°C

Dust Free: 10 min  
Air Dry: 15~20min



### THEORETICAL COVERAGE

8~10 m<sup>2</sup> per litre



### POT LIFE

Not Applicable



### SPRAYING VISCOSITY

Ford 4 Cup: >20 sec



### SAFETY - PPE

Always wear appropriate safety clothing, gloves, breathing & apparatus



### MSDS

Observe all safety precautions in relation to this products Material Safety Data Sheet



### CLEAN UP

Clean equipment with Gun Wash, Reducer or Thinners

### STORAGE

1 Year in cool, dry conditions

### QUICK APPLICATION GUIDE:

1. Prepare your base as you would most other substrates. Ensure primer or ground coat colour is correct for your chosen Color Shift Pearl colour.
2. Apply 2 to 3 medium wet coats.
3. Allow to flash off properly between coats.
4. Allow to dry 15-30 minutes before clear coat.
5. Topcoat with DNA™ 2K Clear Coat

### SUBSTRATE



Primed and suitably prepared surface. Color Shift Pearl can be sprayed over any ground coated surface you choose. To obtain the most drastic colour shift it is recommended the DNA™ pure black BaZecoat™ is used as the ground coat. Other colour ground coats will produce a different colour effect.

### DETAILED APPLICATION GUIDE:

### PREPARATION



Sand using P500-800 wet or dry. Clean with Prep Clean 'X' or wax and grease remover if required.

### CLEANING



Thoroughly clean the surface using a wax and grease remover such as DNA™ Wax & Grease Remover and finish with DNA™ Prep Clean X™

**MIXING**

60%:40% (1.5 part to 1 part) with  
DNA™ Basecoat reducer  
Stir contents thoroughly

**CURING TIME @ 25°C**

Dust Free:	10 min
Touch Dry:	15-20 min
Air Dry:	15-20 min

**SPRAYING**

Strain mixed paint into paint gun.  
Allow flash time between each coat.  
Color Shift Pearl should dull off and be  
dry to touch before next coat  
Apply 2 to 3 medium wet coats with a  
50% spray overlap.  
Dry time varies with temperature.

**DIAMOND CLEAR™ - FINAL CLEAR COAT**

*Refer Diamond Clear™ TDS for full Technical Data  
Specifications.*



After Color Shift Pearl has flashed off;  
apply Diamond Clear™ at 20° - 30° C.  
Apply two to three medium wet coats  
or until desired coverage has been  
achieved. Allow 10 minutes between  
coats and 15-30 minutes before  
baking.

**FLASH OFF**

Allow 5-10 minutes between coats.

**REDUCER GUIDE**

15°C – 30°C – RBCM - Medium  
30°C+ – RBCS - Slow

Recommendations are given as a  
guide only and will vary depending on  
size of job, substrate temperature,  
equipment, applicator, weather and  
other variable conditions.

**Important Information:**

- Always check you have the latest Technical Data Sheet
- Always buy enough product to complete the entire job
- Products are for Professional Use Only

**Warranty:****DNA will replace any faulty or defective goods.**

You must always spray out a test panel and fully test prior to commencing any job to determine suitability, final finish and overall appearance. Goods are guaranteed for 12 months if stored in cool dry conditions. All information and data provided is given in good faith and intended as a general guide only for use by qualified professional painters and DNA will not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of preparation, use of incompatible materials, equipment failure, use of incorrect equipment or any other reason beyond the control of DNA and further offers no warranties of whatever nature express or implied as to merchantability or fitness for a particular use or purpose and shall not accept liability for any specific or consequential damage as a result of using these products unless otherwise agreed to in writing. DNA paints reserves the right to make changes to formulations and on rare occasions batches may have slight variations such as colour or tone, these are not covered by warranty.

If any goods are defective, you must not proceed to the job. Stop work immediately and contact your distributor or DNA Paints and point out the defect. Any faulty goods must be returned at the customers expense to the distributor or DNA paints with a copy of the original invoice or other proof of purchase to obtain a replacement of the faulty product or a refund for the cost of the goods. The benefits provided to the consumer by the warranty are in addition to other rights and remedies available to the consumer under the law.

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