



## Technical Data Sheet

|                  |                          |         |
|------------------|--------------------------|---------|
| Date of issue    | Revision Date            | Version |
| 13/01/16         | 10/01/19                 | 1.2     |
| 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:

### CLEANING



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

### PREPARATION



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

**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.

**For further information always consult the latest Technical Data Sheets. Available on the DNA® website at: [www.dna-paints.com](http://www.dna-paints.com)**

**Note:** All information and data provided by DNA® is given in good faith and intended as a general guide. It is important that all steps be correctly followed and carefully checked at every stage to ensure they perform as intended. It is suggested this be done by spraying out a series of test panels exactly as you intend to finish the job. If there is a problem, stop immediately and contact your DNA® distributor. DNA® will not accept any liability as a result of any problems caused by, among other things, poor storage, exposure to high or low temperatures, humidity, contamination, aged stock, incorrect preparation or application, use of incompatible materials, equipment failure or use of wrong equipment, under or over application of product(s) or any other reason beyond the control of DNA®. DNA® offers no warranties of whatever nature express or implied as to merchantability or fitness for any particular purpose or use. Should a product be defective, DNA® shall replace the defective product, or, at its sole discretion refund the purchase price. DNA® shall not accept liability for any specific or consequential damage unless otherwise agreed to in writing.

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