



Technical Data Sheet

Date of issue	Revision Date	Version
13/01/16	NA	1.0
Product Code	Product Name	
C _ _ _ -	Color Shift Pearl	

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 m² 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.

For further information refer to the DNA™ Training Manual, or contact your DNA™ Distributor for Technical Support.

Note: Custom painting can be difficult. All products should be fully tested prior to commencing any job to determine suitability, final finish and overall appearance. All information and data provided by DNA™ is given in good faith and intended to be a general guide only. DNA™ shall not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of, or incorrect preparation, use of incompatible materials, equipment failure or 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. Should a product be defective, DNA™ shall replace the defective product, or, at its sole discretion refund the purchase price.

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