



## Technical Data Sheet

Date of issue	Revision Date	Version
13/11/05	10/01/19	2.1
Product Code	Product Name	
<b>CC_ _-</b>	<b>Candy ColorZ</b>	

**Candy ColorZ™** are manufactured using the most intense & finest quality dyes available to provide crisp clear colours like no other. Candy ColorZ™ are clearer, brighter, more vibrant and UV stable when used with FX Intercoat and Candy Reducer. With your imagination you can achieve unlimited colour options and effects, by adding just a few drops to create a subtle soft effect or up to 10% for a dramatic look; you will be amazed at what you will create using Candy ColorZ™. Note: All Candy ColorZ™ are specially formulated so that you only require up to 10% by weight and apply 4 coats to reproduce the colour as illustrated on our web site, aero shapes and colour book. Different colours of Candy ColorZ can be combined to create your own custom colours.

*Always check that you have the latest TDS*



### SURFACE PREP

Surface must be clean & dry



### MIXING RATIO

1 Part (100g) FX Intercoat  
Up to 10%(10g) Candy ColorZ  
Then mix by volume  
1:1 with Candy Reducer



### NUMBER OF COATS

3~5 coats 75% spray overlap



### CONVENTIONAL - GUN SET UP

1.2~1.4 Fluid tip  
15~20 cm Spray distance  
30~45 psi Air pressure  
15~25 cm Fan size



### FILTER

Best filtered through DNA™  
Micro Fine filter part: FIL-01



### FLASH TIME @ 25°C

15~20min between coats  
30min before clear coat



### CURE TIMES @ 25°C

Dust Free: 10min.  
Air Dry: 30min.



### 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



### POT LIFE

No theoretical limit.



### SPRAYING VISCOSITY

Viscosity will vary.



### THEORETICAL COVERAGE

N/A Depends on number of coats applied



### MSDS

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



### CLEAN UP

Clean equipment with Gun Wash, Reducer or Thinners



### SAFETY

Always wear appropriate safety clothing, gloves & breathing apparatus

### STORAGE

1 Year in cool, dry conditions

### QUICK APPLICATION GUIDE:

1. Apply your choice of DNA™ BaZecoat™ over a properly prepared surface.
2. Mix 1 Part (100g) FX Intercoat with up to 10%(10g) Candy ColorZ Reduce with Candy Reducer and test on separate spray panels to set up spray gun.
3. Apply 3-5 coats with 75% spray pattern overlap.
4. Allow to flash off properly between coats.
5. When all solvents have fully vented. Apply Diamond Clear.

### DETAILED APPLICATION GUIDE:

- Spraying any Candy is regarded as one of the most demanding of all finishes, it requires skill and care. Attention must be given to the many influencing factors. These include: choice of gun, gun settings, number of coats and technique of the applicator.
- **Note:** This product requires careful application by the painter to ensure you do not apply material

- unevenly with resulting, 'tram tracks', blotchiness or an uneven finish. Practice on larger panels before commencing any large job.
- If the previously painted surface has been handled in any way, clean the surface immediately prior to painting with Prep Clean X™ and dry thoroughly.
- It is quite common to apply 3~5 coats (sometimes more) with a 75% spray pattern overlap and a gun distance of about 15-20 cm from the surface.
- Always 'walk' long objects.
- Spray the entire length of your object; do not paint panel to panel.
- Avoid following the curves or body lines, always spray in straight lines.
- Always allow 15-20 minutes between coats to thoroughly 'flash off'.
- Avoid spraying on dry as this can cause uneven appearance and form a dusty film build.
- Carefully note the number of coats applied. Experimentation and several spray-out test panels will be required in order to know and achieve the desired result.

- The more coats that are applied, the ambient temperature, humidity and a host of other variables will affect your drying times.
- Candy ColorZ™ have been produced to provide extremely crisp and clear colours and are ideally suited for going over DNA™ BaZecoatZ™
- You must protect Candy ColorZ™ with a suitable DNA™ UV stabilized protective clear coat such as Diamond Clear™.
- When completely dry, wipe with Tack Cloth before applying Diamond Clear™.

## **DETAILED APPLICATION GUIDE Cont...**

### **CLEANING**



Clean and Degrease the surface using DNA™ Prep Clean 'X' dry.

### **SUBSTRATE**



Surface must be chemically clean and dry. Formulated for use over previously base coated substrates that are properly prepared and clean.

### **PREPARATION**



If painting over existing 2K finish sand using P800 wet or dry and clean with DNA™ Prep Clean 'X' and wipe dry. Wipe with suitable Tack Cloth

### **MIXING**



Step 1: Mix by weight  
1 Part (100g) FX Intercoat  
with up to 10%(10g) Candy ColorZ  
*Do not exceed 20% concentrate.  
(≤ 10% recommended)*

Step 2: Mix by volume  
1 Part (100ml) Mixed Candy ColorZ  
1 Part (100ml) Candy Reducer

### **FILTER**



All candies should be thoroughly strained with a micro fine strainer such as the DNA™ Micro Fine filter part: FIL-01.  
Due to the nature of all candies this product may seed over time and settling can occur.

### **REDUCER GUIDE**



20°C – 30°C – RCM - Medium  
30°C+ – RCS - Slow

For full vehicles or large areas, it is recommended to use RCS slow reducer applied at 20°C-30°C

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

### **SPRAYING**



Allow 15~20min flash time between each coat.  
Apply with a 75% overlap 3~5 coats or until desired effect has been achieved.

### **FLASH OFF**



@ 25°C 15-20 min.

### **CURING TIME @ 25°C**



Dust Free:	10min.
Air Dry:	30min.

Product will air dry within about 30 minutes. This would approximate one coat. More coats will require longer drying times.

### **DIAMOND CLEAR™ - FINAL CLEAR COAT**

Refer Diamond Clear™ TDS for full Technical Data Specifications.



When completely dry, wipe with Tack Cloth before applying your final clear coat.

### **NOTE**



Due to the nature of the transparent dyes that are used to create candy paints the original colour of any candy will fade over time. To reduce this effect DNA™ recommends using only FX Intercoat, Candy ColorZ™ and Diamond Clear™.

**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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DNA™ 5-7 Keith Campbell Court, Scoresby, Vic, 3179 Australia Tel: +613 9764 2088

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