



Technical Data Sheet

Date of issue	Revision Date	Version
13/11/05	08/03/16	1.9
Product Code	Product Name	
CC_ _-	Candy ColorZ	

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.

SPRAYING



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

SUBSTRATE



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

FLASH OFF



@ 25°C 15-20 min.

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

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.

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

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.

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.

NOTE



All DNA™ Candies have high lightfast characteristics. However 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 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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