

















Technical Data Sheet

Date of issue	Revision Date	Version
24/09/09	10/01/19	1.6
Product Code	Product Name	
PC_ _-	Pre-Mixed Candy ColorZ	

Pre-Mixed Candy ColorZ™ are manufactured from the same intense & finest quality dyes as our True Candy Concentrates, to provide crisp clear colours like no other. Pre-Mixed Candy ColorZ™ are clearer, brighter, more vibrant, UV resistant and are now much easier to use, no messy mixing. All that is necessary is to reduce using Candy Reducer™. Pre-Mixed Candy ColorZ™ are economical to use and have been formulated to reduce mottle.
Always check that you have the latest TDS

 SURFACE PREP Surface must be clean & dry	 MIXING RATIO 1:1 by volume 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 product's 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 BaZecoat™ over a properly prepared surface.
 2. Reduce Pre-Mixed Candy ColorZ 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 DNA® 2K Clear.
- 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.
 - Pre-Mixed Candy ColorZ™ have been produced to provide extremely crisp and clear colours and are ideally suited for going over DNA™ BaZecoatZ™
 - You must protect your Pre-Mixed Candy ColorZ™ with a suitable DNA™ UV stabilized protective clear coat such as DNA® 2K Clear.
 - When completely dry, wipe with Tack Cloth before applying DNA® 2K 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.

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

1:1 Mixing ratio
1 Part (100ml) Pre-Mixed Candy ColorZ
1 Part (100ml) Candy Reducer
Mix by volume, stir well

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.

DNA® 2K CLEAR COAT - FINAL CLEAR COAT

Refer to your chosen DNA® 2K Clear Coat 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 color of any candy will fade over time. To reduce this effect DNA™ recommends using only FX Intercoat, Candy ColorZ™ and DNA® 2K Clear.

For further information always consult the latest Technical Data Sheets. Available on the DNA® website at: 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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