



Technical Data Sheet

Date of issue	Revision Date	Version
15/05/14	10/01/19	1.6
Product Code	Product Name	
CB_ _-	Candy Basecoat	

DNA® Candy Basecoats are a special effects basecoat product, designed to replicate the visual depth and appeal of traditional candies, but with the standard application methods of a traditional metallic basecoat. DNA® Candy Basecoats are an economical alternative to traditional candies whilst still delivering maximum visual impact.

Candy Basecoat Always check that you have the latest TDS



SURFACE PREP

Surface must be clean & dry with the recommended primer or ground coat.



MIXING RATIO

60%:40% (1.5 part to 1 part) with DNA® Basecoat reducer
Stir contents thoroughly



NUMBER OF COATS

3 medium wet coats plus a final 50% control coat.



CONVENTIONAL - GUN SET UP

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



HVLP - GUN SET UP

1.2~1.4 Fluid tip
20~30 psi Air pressure
10~15 cm Spray distance
10~15 cm Fan size



FLASH TIME @ 25°C

10~15 min between coats
20~30-min Clear coat



CURE TIMES @ 25°C

Dust Free: 10 min
Air Dry: 20~30min



THEORETICAL COVERAGE

8~10 m² per litre



POT LIFE

Not Applicable



SPRAYING VISCOSITY

Ford 4 Cup: >20 sec



SAFETY

Always wear appropriate safety clothing, gloves & breathing apparatus



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

STORAGE

1 Year in cool, dry conditions

QUICK APPLICATION GUIDE:

1. Prepare your base as you would most other substrates.
2. Apply 3 medium wet coats plus a 50% final; control coat.
3. Allow to flash off properly between coats.
4. Allow to dry 20-30 minutes before clear coat.
5. Topcoat with Diamond Clear™

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

SUBSTRATE



Primed and suitably prepared surface. Candy basecoats requires a suitable ground coat to achieve the desired effect. Shades between white to black often work best.

PREPARATION



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

MIXING



Reduce 60%:40% (1.5 part to 1 part) with basecoat reducer

REDUCER SPEED GUIDE

Large areas / Repaint – Slow Reducer
Small areas / Tanks / Helmets –
Medium Reducer

SPRAYING

Strain mixed paint into paint gun using a 190µm filter. Allow flash time between each coat. Candy Basecoat should dull off and be dry to touch before next coat
Apply 3 medium wet coats with a 50% final control coat.
Dry time varies with temperature.

FLASH OFF

Allow 10-15 minutes between coats.

CURING TIME @ 25°C

Dust Free: 10 min
Touch Dry: 15-20 min
Air Dry: 20-30 min

REDUCER GUIDE

20°C – 30°C – RBCM - Medium

30°C+ – RBCS - Slow

For full vehicles or large areas, it is recommended to use RBCS 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.

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.

PRIMER GUIDE PROFILE

Primer or Ground Coat recommended to achieve Profile colour as per DNA® colour book.

**Profile Colour**

Red Tremor
Firestorm Red
Magma Red
El Nino Orange
Yellow Vortex
Tsunami Green
Tropical Green
Turquoise Tornado
Cyclone Blue
Typhoon Blue
Purple Storm
Violet Thunder
Stormcell Grey
Mudslide
Spilt Blood

Primer/Ground

White
White
White
White
White
White
White
White
White
White
White
White
White
White
White
Black

NOTE

Due to the nature of the transparent dyes that are used to create candy the original color of any Candy Basecoat will fade over time. To reduce this effect DNA™ recommends using DNA 2K Clear Coats.

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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