



Technical Data Sheet

Date of issue	Revision Date	Version
19/07/16	11/06/19	1.2
Product Code	Product Name	
CU_-	Custom Clear™	

Custom Clear™ is a premium low viscosity 2K clear coat, specially developed for custom spray painting. Ideal for general clear coating, layering, sealing flakes, candies and flow coating. Used with different hardener speeds, gives excellent curing performance whilst easily delivering glass like finishes. Custom Clear™ can also be used with DNA® candy concentrates to create an easy to use 2K urethane candy finishes over suitable DNA® basecoats

Custom Clear™ Always check that you have the latest TDS



SURFACE PREP
Surface must be chemically clean & dry.



MIXING RATIO
4: Parts Custom Clear™
1: Part FX Hardener
No Reducer Required



URETHANE CANDY – MIXING RATIO
Up to 20% candy concentrate into Custom Clear™ then harden 4:1 (No reducer required)



CONVENTIONAL - GUN SET UP
1.2~1.4 Fluid tip
15~25 cm Spray distance
20~45 psi Air pressure
15~25 cm Fan size



HTE- GUN SET UP
1.2~1.3 Fluid tip
10~15 cm Spray distance
1.8~2.2bar Air pressure
15~20 cm Fan size



NUMBER OF COATS
2-3 medium wet coats



CURE TIMES @ 25°C
Dust Free: 30 min*
Baking: 30~40min* @ 60°C
*Medium Hardener



POT LIFE
2 Hour
*Medium Hardener



FLASH TIME @ 25°C
Fast Hardener: 5-10 min
Medium Hardener: 10-15 min
Slow Hardener: 15-20 min
(recommended for flow coating)



SPRAYING VISCOSITY
Ford 4 Cup: 13 sec



THEORETICAL COVERAGE
10~12 m² per litre



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. Prepare your surface.
2. 2-3 medium wet coats.
3. Allow to flash off properly between coats.
4. Bake 30~40min* @ 60°C.
5. Lightly polish if required.

DETAILED APPLICATION GUIDE:

CLEANING



Thoroughly clean the surface using a wax and grease remover such as DNA® Wax & Grease Remover or Prep Clean X™

SUBSTRATE



For use over DNA® BaZecoats™, Candy ColorZ™ & other DNA® Special FX products as well as previously painted substrates that are properly prepared, with the exception of thermoplastic acrylic lacquer and air dry enamel finishes. Surface must be chemically clean and dry.

PREPARATION



If applying over an existing 2K clear coat, sand using P1200 wet or dry. Clean with DNA® Prep Clean X™ & wipe dry.

MIXING

Mix Ratio: 4:1 no reducer required
 4: Parts Custom Clear™
 1: Part FX Hardener*

URETHANE CANDY – MIXING RATIO

Add up to 20% DNA® Candy Concentrate prior to hardening. Apply up to 3-4 coats with 70% overlap. Flash off between coats 15-20 minutes minimum. Once cured, lightly sand with a scotch brite pad, and overcoat with DNA® clear coat of your choice. (Strain using DNA® FIL01 microfine strainer.)

SPRAYING

Strain mixed Custom Clear™ into paint gun.

Allowing for flash time between each coat apply 2-3 medium wet coats

Spray with a 50% spray overlap.

Flash time varies with temperature, and choice of FX Hardener speed.

CURING TIMES**Dust Free @ 25°C**

25 min (Fast Hardener)
 30 min (Medium Hardener)
 60 min (Slow Hardener)

Baking @ 60°C

20~30 min (Fast Hardener)
 40~50 min (Medium Hardener)
 60 min (Slow Hardener)

Air Dry Touch @ 25°C

2 hr (Fast Hardener)

POT LIFE @ 25°C

1.5 hr (Fast Hardener)
 2 hr (Medium Hardener)
 2.5 hr (Slow Hardener)

FLOW COATING

Do not apply flow coat unless existing clear coat has been baked and left to out-gas for a minimum of 48 hours. Additional time will be required if cooler temperatures are experienced during the out-gassing period. Recommended hardener for flow coating is DNA® slow hardener HFXS.

FLASH OFF@ 25°C

Time between coats
 5~10 min (Fast Hardener)
 10~15 min (Medium Hardener)
 15~20 min (Slow Hardener)

Important Information:

- Always check you have the latest Technical Data Sheet
- Always buy enough product to complete the entire job
- Products are for Professional Use Only

Warranty:**DNA will replace any faulty or defective goods.**

You must always spray out a test panel and fully test prior to commencing any job to determine suitability, final finish and overall appearance. Goods are guaranteed for 12 months if stored in cool dry conditions. All information and data provided is given in good faith and intended as a general guide only for use by qualified professional painters and DNA will not accept liability as a result of any failure or lack of expertise on the part of the applicator, condition of substrates, lack of preparation, use of incompatible materials, equipment failure, 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. DNA paints reserves the right to make changes to formulations and on rare occasions batches may have slight variations such as colour or tone, these are not covered by warranty.

If any goods are defective, you must not proceed to the job. Stop work immediately and contact your distributor or DNA Paints and point out the defect.

Any faulty goods must be returned at the customers expense to the distributor or DNA paints with a copy of the original invoice or other proof of purchase to obtain a replacement of the faulty product or a refund for the cost of the goods. The benefits provided to the consumer by the warranty are in addition to other rights and remedies available to the consumer under the law.

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