



Technical Data Sheet

Date of issue	Revision Date	Version
13/11/05	11/06/19	1.7
Product Code	Product Name	
HGX-	HolaGrafiX™	

HolaGrafiX™ is a semi transparent coating saturated with light reflecting holographic pigments. In sunlight a brilliant rainbow effect can be observed. When applied as directed you will achieve a uniquely holographic effect. HolaGrafiX™ offers an exciting finish that can be applied to vehicles, wheels, trim components, artwork, plastics, wood, tiles and glass; almost anything that you can paint or imagine can sparkle like the rainbow!

HolaGrafiX™ Always check that you have the latest TDS



SURFACE PREP
Surface must be clean & dry



MIXING RATIO
Ready to Spray
Shake contents for 5mins



SPRAY GUN
DNA® Chrome Gun
HTE or Fine atomization gun



GUN SET UP
0.7~1.2 Fluid tip
10~15cm Spray distance
10~30psi Air pressure
5~8cm Fan size



NUMBER OF COATS
3~4 very light coats



FLASH TIME @ 25°C
10~60sec between coats
30min before Key Clear™



CURE TIMES @ 25°C
Dust Free: 15 sec
Tack Free: 1 min
Dry to Handle: Handle with extreme care until clear coated



THEORETICAL COVERAGE
7~8 m² per litre



POT LIFE
Not Applicable



SPRAYING VISCOSITY
Ford 4 Cup: 9 - 10sec



SAFETY
Always wear appropriate safety clothing, gloves, breathing & apparatus



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



CLEAN UP
Clean equipment with Gun Wash, Reducer or Thinners

STORAGE
1 Year in cool, dry conditions

QUICK APPLICATION GUIDE:

- HolaGrafiX™ can be applied over any ground coat colour, for the strongest effect DNA® B113 Pure Black BaZecoat™ is recommended. This must be clear coated with Diamond Clear™. The clear coat must have a high gloss finish and must be fully cured Before the application of the HolaGrafiX™.
- Using a HTE gun, apply very light coats of HolaGrafiX™ best results are normally achieved with 3-4 light coats.
- Let the HolaGrafiX™ dry for 30 minutes, and then apply the Key Clear™, to protect and lock the HolaGrafiX™ in place.
- Finally apply Diamond Clear™ top coat.

DETAILED APPLICATION GUIDE:

SUBSTRATE



HolaGrafiX™ can be applied over any ground coat which has been clear coated with a high gloss 2K clear. For the strongest holographic look it is recommended that DNA® B113 Pure Black BaZecoat™ and DNA® Diamond Clear™ are used.

SUBSTRATE 2K CLEAR COAT

Refer Diamond Clear™ TDS for full Technical Data Specifications.



Apply Diamond Clear™ 2K Clear coat over your chosen ground coat colour. It is most important that your final coat of 2K clear has a very high gloss level off the gun. This high gloss finish determines the holographic effect you will achieve. The higher the gloss of your clear coat, the more holographic your HolaGrafiX™ will be. This finish is the reflective surface and any imperfections will show through. If you have not achieved a high gloss level off your gun it is best to rub back and re-apply your clear coat ensuring a high gloss finish. Diamond Clear #DC- is specially formulated for a high gloss finish and is highly recommended for use by DNA® when using HolaGrafiX™.

Note: Do not to handle the clear coat after it has been applied. Any dust, marks, scuffs or scratches will show through when the HolaGrafiX™ is applied. A clear coat with orange peel or a rough and dull surface will produce a dull holographic finish.

SUBSTRATE 2K CLEAR COAT CURING



For maximum holographic effect it is important that the 2K clear coat is “fully cured” wait a minimum of 1-2 days or bake for 2 hours at 60°C and rest over night before applying the HolaGrafiX™.

Note: If you apply the HolaGrafiX™ before the clear coat is “fully cured” the holographic effect will be duller in appearance.

CLEANING 2K CLEAR COAT



If the previously clear coated surface has been handled or contaminated in any way gently clean the surface with DNA® Anti-Static Cleaner and dry thoroughly before applying HolaGrafiX™. DNA® Anti-Static Cleaner Part #CA02

*Always apply HolaGrafiX™ to a clean surface free of all dust, wax or residue contaminants.

*DNA recommends learning to apply HolaGrafiX™ on small objects like DNA® Aeroshapes and then moving on to larger practice panels and projects.

HolaGrafiX™

HolaGrafiX™ adheres to substrates differently to other paints. To create a holographic finish the surface should be as smooth as possible and not scuffed.

Note: This product requires careful application to ensure you do not apply material too heavily or unevenly resulting in tram tracks, blotchiness or an uneven finish. Applying less HolaGrafiX™ often achieves the best results. Less is best!

GUN SET UP

(DNA® CHROME GUN Part # SG08)



Fluid Tip 0.8	Spray Distance 10-15cm
Air Pressure 15-20psi	Material volume 1/4 -1/2 turn
Fan Size 5-8cm @ 15-20cm Spray Distance	

STANDARD HTE or FINE ATOMIZATION SPRAY GUN

Fluid Tip 0.7 - 1.2mm	Spray Distance 10 -15cm
Air pressure 10-30psi	Material volume 10-25%
Fan Size 5-8cm @ 15-20cm Spray Distance	

MIXING



HolaGrafiX™ is ready -to-use, no thinning nor mixing is required. Shake contents by hand for 5 minutes before use.

HolaGrafiX™ APPLICATION



Blow off any dust that may have settled on the substrate with compressed air. Do not use tack rags before, in between or after application of HolaGrafiX™!

FIRST COAT



To overcome possible static problems it is recommended that your first coat be applied at a reduced air pressure of 7-10psi with your material volume decreased by about 30%. Apply HolaGrafiX™ using a very light mist or light dusting effect. The first pass assists in breaking any static on the surface and will allow your next coats to lay down more evenly on the surface, apply this coat with a 75% spray overlap.

FLASH OFF



Allow 10 seconds to 1 minute between coats. 3-4 light coats are recommended. Do not try to obtain coverage in a single pass. Do not apply too much material. Less is more!

REMAINING COATS



Occasionally agitate the material in the gun cup. At the recommended gun set up continue applying additional coats of HolaGrafiX™ as very light mist coats until the desired effect is achieved using a 75% spray overlap.

CURING TIME



Allow to sit for a minimum of 30 minutes before application of Key Clear™,

KEY CLEAR™ - CLEAR COAT

Refer Key Clear™ TDS for full Technical Data Specifications.



For maximum adhesion it is important to lock the HolaGrafiX™ in place using Key Clear™. Key Clear™ is specifically formulated to promote adhesion and to maximize the holographic like finish. Use of other clears directly over the HolaGrafiX™ is likely to cause delamination and /or loss of holographic effect. Spray 1-2 medium coats of the Key Clear™ over the HolaGrafiX™. Allow 5-10 minutes between coats.

DIAMOND CLEAR™ - FINAL CLEAR COAT

Refer Diamond Clear™ TDS for full Technical Data Specifications.



After Key Clear™ has flashed off; apply Diamond Clear™ according to the TDS.

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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