



GLOBAL REFINISH  
SYSTEM



November 2008

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# Product Information

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## HARLEQUIN

Basecoat Colour

*DH987 Cyan to Purple*

*DH988 Silver to Green*

*DH989 Green to Purple*

*DH990 Blue to Red*

*DH991 Magenta to Gold*

*DH993 Purple to Orange*

*DH994 Gold to Silver*

*DH995 Red to Gold*

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## PRODUCT DESCRIPTION

Harlequin Basecoat colours contain unique multi-layer pigment flakes that give a paint film the ability to literally change colour when viewed from different angles. Each colour exhibits a wide range of hues depending on the angle at which it is viewed and the angle of incidence of the light. The standard colour names above reflect the colour seen at approximately 90° and 45° respectively.

These colours are totally compatible with the PPG Global Refinish System range of products, and can be used as the G.R.S. Basecoats.

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## PREPARATION OF SUBSTRATE



Degrease all surfaces to be painted with appropriate PPG substrate cleaner. Apply Harlequin over properly prepared surfaces. A 2K primer is strongly recommended. This should be carefully sanded, finishing with 500 grade paper (dry) or P1000 (wet). The surface should then be very thoroughly cleaned prior to the application of colour.



Wash off residues and dry thoroughly before re-cleaning with appropriate PPG substrate cleaner. See Technical Data Sheet **Deltron Cleaners RLD63**. The use of a tack-rag is recommended.

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## MIXING RATIO

Note: Settling may occur in shipping. Hand stir thoroughly before the addition of thinner.

Mixing ratio with BC Colour

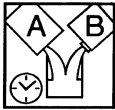
	<u>By Volume</u>
BC Colour	1 Vol
Thinner*	1 Vol

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## APPLICATION GUIDE

\*Note: Hand stir thoroughly for 2 minutes after thinning.

**Tri-coat Mixing** – Harlequin colours can be “let down” and used as a mid-coat colour



With D895. In doing so you can achieve more transparency when using a groundcoat such as Black, White etc. D895 can be used in any quantity necessary to achieve your desired effect.  
(Example: 100 parts D895 : 1 part Harlequin colour).  
D841 hardener must be used in both the groundcoat and the midcoat at a ratio of 5% by volume to the thinned colour.

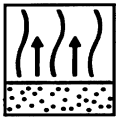
- Use the appropriate thinner depending upon application temperature.

*Potlife:* Standard mix: No limit (stir well before using)  
Tri-coat mix: When using D841 - the pot life is 1 hour.



*Spray gun set-up:* 1.3mm - 1.5mm fluid tip  
set spraygun up to manufacturers recommendations

*Number of coats:* 2 - 3 or until hiding is achieved



*Film build:* 25 microns for optimum performance. If using as a Tri-coat, apply as many coats as needed to achieve desired colour.

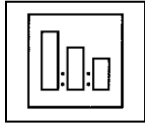


*Flash-off between coats:* 5 - 10 minutes



*Drying times at 20°C:* Before application of clear  
15 minutes minimum  
24 hours maximum

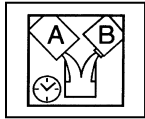
*Clear:* Any Global Refinish System Clear may be used.



### Mixing by volume

With Thinner - 1 : 1

With Hardener and Thinner - Add 5% Hardener to paint, and then add thinner 1 : 1

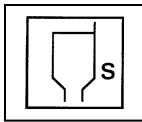


### Pot Life at 20°C

Unlimited, normal thinning  
1 hour when used with Hardener

### Thinner Selection

Up to 18°C	D808 - Fast thinner
18 - 25°C	D807 - Thinner
Over 25°C	D812 - Slow thinner



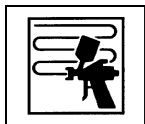
### Application viscosity

15 seconds DIN4 with NS hardeners.



### Spraygun Size

1.3 - 1.5 mm fluid tip.



### Number of Coats

2 - 3 full coats or until hiding is achieved.



### Drying Times

15 minutes at 20°C before the application of Clearcoat  
24 hours maximum before application of clearcoat.

### Over coating

GRS Deltron Basecoat colours can be over coated with any PPG 2K Clearcoat.

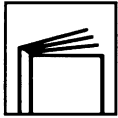
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## NOTES

1. Custom or exotic finishes are excluded from coverage under the Global Paint Performance Guarantee.
2. For additional information refer back to datasheet RLD02 - GRS Deltron Basecoat.

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## HEALTH AND SAFETY



**These products are for professional use only**, and are not to be used for purposes other than those specified. The information on this TDS is based on present scientific and technical knowledge, and it is the responsibility of the user to take all necessary steps in order to ensure the suitability of the product for the intended purpose. For Health and Safety information please refer to the material Safety Data Sheet, also available at: [http://www.ppg.com/PPG\\_MSDS](http://www.ppg.com/PPG_MSDS)

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