



**AUTO REFINISH**

**GLOBAL  
REFINISH  
SYSTEM**



# Product information

## **Deltron BC**

*Basecoat colour*

### **PRODUCTS**

Deltron Base Coat Tinters	D7xx,D9xx
Deltron Thinners	D808,D807, D812, D869
Deltron BC Fade-out Thinner	D851
Deltron MS Hardener	D841

For matt, satin and textured finishes

Deltron Texture Additive	D843 to create a fine textured 'suede' effect
Deltron Leather Grain Additive	D844 to create a coarser, more pronounced textured finish

### **PRODUCT DESCRIPTION**

The Deltron BC system consists of high opacity solid , metallic and mica colours. Used in conjunction with a recommended PPG repair system, Deltron BC meets or exceeds the performance requirements of motor manufacturer paint system warranties. As part of the Deltron Global Refinish System, Deltron BC carries a large number of OEM approvals.

### **PREPARATION OF SUBSTRATE**



#### **Substrate**

PPG 2K primers  
Electropaint  
Sound 2K finishes  
TPA

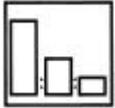
#### **Preparation**

P600 - P800 (wet) / P400 - P500 (dry)  
P600 - P800 (wet) / P400 - P500 (dry)  
P600 - P800 (wet) / P400 - P500 (dry)  
Must be sealed (e.g. D834)



Before and after any sanding operation, the substrate must be thoroughly degreased.

## PRODUCT SET-UP

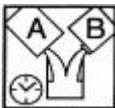


Mixing ratio: Deltron BC \* 1 vol  
Thinner \*\* 1 vol

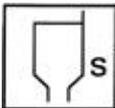
\* See 'Performance and Limitations' for use with D841 MS Hardener

\*\* Choose thinner according to application temperature

Temperature	BC Solid Colour	BC Metallic/Mica Colour
Up to 18°C	D808	D808
18°C - 25°C	D808	D807
25°C – 35°C	D807	D812
Above 35°C	D812	D869



Potlife: No limit



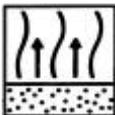
Spray viscosity at 20°C: 15 seconds DIN4

## APPLICATION, FLASH-OFF AND DRYING

Spraygun set-up: 1.4 - 1.6 mm



Number of coats: 2  
(+1 control coat for metallic and micas)



Flash-off at 20°C:  
- between coats 10 minutes  
- before clearcoat 15 minutes

Taping time: 15 minutes

Total dry film build: 10 - 25 µm

Theoretical coverage: assuming 100% transfer efficiency and dry film thickness as indicated:  
3.5 - 7 m<sup>2</sup>/l

## REPAIR AND RECOATING



### *Sanding:*

If necessary, de-nib Deltron BC, after 20 minutes flash-off, using fine sand paper (P1200 - P1500) followed by a touch-up repair (see section on Fade-Out Technique) prior to the clearcoat application.

### *Overcoat / Re-coat time at 20°C:*

- |                         |   |
|-------------------------|---|
| - <i>Minimum</i>        | 15 minutes  |
| - <i>Maximum</i>        | 24 hours  |
| - <i>After 24 hours</i> | 1 Coat of Deltron BC has to be applied prior to clearcoat application |

### *Overcoat with:*

Deltron Clearcoats

## FADE-OUT TECHNIQUE

Fading out Deltron BC is necessary for spot repair and advisable when metallic or mica colours have to be repaired. Use D851 BC Fade-out Thinner as follows :

- Prepare Deltron BC colour as specified in this data sheet
- Using light inward strokes, achieve coverage on the repaired area
- Thin 1 part of the ready-for-use Deltron BC with 1 part D851 Deltron Fade-out Thinner
- Use this mixture to fade the repair edges spraying from the outside to the inside of the repair area
- Repeat the last step until the potential colour difference has been lost
- Allow 20 minutes flash-off before clearcoating

## PERFORMANCE AND LIMITATIONS



For optimum durability and adhesion BC may be mixed 10:1 with D841 MS Hardener, and then thinned 1:1 with GRS Thinner prior to application. Potlife of the activated basecoat is in excess of 48 hours. Application and drying properties are unchanged.

## EQUIPMENT CLEANING

After use, clean all equipment thoroughly with cleaning solvent or thinner.

## HEALTH AND SAFETY



For comprehensive Health, Safety and Environmental advice, please refer to the relevant Material Safety Data Sheets and product can labels. Use the recommended safety equipment.

**THIS PRODUCT IS FOR  
PROFESSIONAL USE ONLY.**

The information given in this sheet is for guidance only. Any person using the product without first making further enquiries as to the suitability of the product for the intended purpose does so at his own risk and we can accept no liability for the performance of the product or for any loss or damage (other than death or personal injury resulting from our negligence) arising out of such use. The information contained in this sheet is liable to modification from time to time in the light of experience and our policy of continuous product development.

Drying times quoted are average times at 20°C. Film thickness, humidity and shop temperature can all affect drying times.



**PPG Industries (UK) Limited.  
Auto Refinish  
Customer Service and  
Sales Group,  
Needham Road,  
Stowmarket,  
Suffolk,  
IP14 2AD,  
England.  
Tel: 01449 771775  
Fax: 01449 771547**

**International Sales  
PPG Industries  
Auto Refinish International,  
Priory Road,  
Warwick ,  
CV34 4NA,  
England.  
Tel: +44 1926 403 255  
Fax: +44 1926 410 249**