



GLOBAL REFINISH
SYSTEM



November 2013

Product Information



Engine Bay Repair System Engine Bay Converter D8011

D8011 Engine Bay Converter

PRODUCT DESCRIPTION

DELTRON[®] Engine Bay Converter, D8011 is designed to simplify repairs where there are specific engine bay colours, and forms an integral part of the PPG systems designed to meet European Legislation. Dedicated Engine Bay colour formulas are provided as part of the PPG Progress UHS DG colour retrieval system. They are designed to match the OE finish in internal areas and at the same time provide fast, efficient process to complete the topcoating of both internal and external repair areas.

New engine bay colour formulations on colour IT systems and microfiche, include D8011. Once activated and thinned, the resultant mix is capable of providing an accurately matched finish for engine bay (and other internal) areas, and a recoatable, wet on wet, layer to all external panels that need to be topcoated.

This removes the need to undercoat and colour the internal area, and allows fast process times for internal and external areas to be coated in one step.

PREPARATION OF SUBSTRATE



Apply over electrocoated panels, original stoved finishes or recommended PPG primers after first wet flatting with P600 - P800 grade paper or dry flatting with P360 - P400.



Before and after any sanding operation, the substrate must be thoroughly degreased. Use an appropriate substrate cleaner/degreaser. PPG make a range of cleaning & degreasing products. See Technical Datasheet **Deltron Cleaners RLD63V**.

These products are for professional use only.

RLD288V

Page 1 of 3

MIXING RATIOS

Mix the Engine Bay colour in accordance with the PPG colour information on IT systems or microfiche:

DO NOT add any D8456 Matting Base.

Then:

Engine Bay Colour	5 parts
D8302 UHS Hardener	1 part
D8717/18/19 Thinner	2 parts

* Choose Thinner according to application temperature and size of repair:

HARDENER AND THINNER SELECTION

<u>UHS Hardener</u>	<u>Additive Thinner</u>	<u>Time before overcoating</u>
D8302	D8717/D8718/D8719	20 minutes at 20°C

Normally this Engine bay system does not require flatting and should be directly topcoated. If some dirt inclusions occur, then light flatting / denibbing can be carried out after 25 - 35 minutes using P1200 or finer flatting paper.

Areas requiring topcoating can be directly topcoated with ENVIROBASE® High Performance or Deltron Progress UHS DG topcoats.

MIXED PRODUCT DETAILS

<i>Potlife</i>	45 minutes - D8218/19
<i>Spray viscosity</i>	15 - 17 secs DIN4 / 20°C

SPRAYGUN SET UP

<i>Compliant Spraygun</i>	1.3 - 1.4 mm
<i>Spray pressure</i>	2 bar
<i>Number of coats thickness</i>	Apply one double coat or 2 single coats to give a dry film of 25 - 40 microns.

FLASH OFF AT 20°C:

<i>Between coats</i>	5 minutes between coats if using single coats.
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PROCESS STEPS

1. Select the Engine Bay colour using the Engine Bay colour Directory or colour swatch.
2. Using the normal colour retrieval system, mix the *Deltron* Progress UHS DG Engine Bay Colour, which includes the addition of D8011 Engine Bay Converter.
3. Activate and thin the Engine Bay Colour, as recommended, and apply to both the Engine bay (or other internal areas) and all external panels that need topcoating.
4. Flash off for the designated time (depending upon hardener / thinner options used). Mask off the internal area, if necessary.
5. Apply the topcoat and bake. Engine Bay colours can be overcoated with either *Envirobase* High Performance + Clearcoat or *Deltron* Progress UHS DG colour.

VOC INFORMATION

The EU limit value for this product (product category: IIB.e) in ready to use form is max. 840g/litre of VOC.

The VOC content of this product in ready to use form is max. 540g/litre.

Depending on the chosen mode of use, the actual ready to use VOC of this product may be lower than that specified by the EU Directive code.

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: www.ppgrefinish.com

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