



GLOBAL REFINISH
SYSTEM



Product information

D8456 Matting Base

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PRODUCT DESCRIPTION

Deltron Matting Base can be added to Deltron Progress UHS DG colour and D8141 Premium UHS Clearcoat to create a satin or matt appearance to match original finishes or to provide a custom finish.

PREPARATION OF SUBSTRATE

Apply over original stoved finishes or recommended PPG primers after first dry flattening with P400 - P500 or wet flattening with P600 - P800 grade paper.

Thoroughly degrease surfaces to be painted with the appropriate PPG cleaner - see selection guide below.

GUIDE TO SELECTION OF SUBSTRATE CLEANER

<i>Code</i>	<i>Product</i>	<i>Purpose</i>
D845	DX310 High-Strength Degreaser	For use as a pre-cleaner in the first stage of the repair process. Use before starting any repair work.
D8401	Waterborne Cleaner	Suitable for removing dirt, grease or other contaminants before or during the painting process.
D842	DX380 Low-VOC Cleaner	Particularly designed to remove contaminants after sanding, and in areas where VOC emissions should be minimised.
D846	Degreasing Agent for Plastics	A fast, effective degreaser specially formulated to avoid adverse effects on plastic substrates.

These products are for professional painting only.

APPLICATION GUIDE

Mix Ratios

- Mixing Ratios with Deltron Progress UHS DG Topcoats:

<u>Matt Finish</u>			<u>Satin Finish</u>		
Deltron Progress UHS DG	1.5 vols		Deltron Progress UHS DG	2 vols	
D8456	2.5 vols		D8456	2 vols	
Hardener	1 vol		Hardener	1 vol	
Thinner*	1 vol		Thinner*	1 vol	

- Mixing Ratios with D8141 Premium UHS Clearcoat:

<u>Matt Finish</u>			<u>Satin Finish</u>		
D8141 Clear	3 parts		D8141 Clear	3 parts	
D8456 Matting Base	3 parts		D8456 Matting Base	1.5 parts	
Hardener	1 part		Hardener	1 part	
Thinner	0.6 parts		Thinner	0.6 parts	

HARDENER AND THINNER SELECTION

See TDS RLD 200V for hardener/thinner selection with Deltron Progress UHS DG colours
See TDS RLD 204 for hardener/thinner selection with D8141 Premium UHS Clearcoat.

MIXED PRODUCT DETAILS

	<u>Deltron Progress UHS Topcoat System</u>	<u>D8141 Clear System</u>
<i>Potlife at 20°C</i>	Using D8216 15 - 20 minutes Using D8217 40 - 60 minutes Using D8218 / 9 1.5 - 2 hours	Using D8216 30 - 45 minutes Using D8217 60 minutes Using D8218/9 2 - 2.5 hours
<i>Spray viscosity</i>	20 - 25 secs DIN4 / 20°C	18 - 20 secs DIN4 / 20°C

SPRAYGUN SET UP

	<u>Deltron Progress UHS Topcoat System</u>	<u>D8141 Clear System</u>
	1.3 - 1.4 mm	1.3 - 1.4 mm
Spray pressure	2 bar	2 bar
Number of coats	2	2

FLASH OFF AT 20°C:

<i>between coats</i>	5 minutes	10 minutes
<i>before stoving</i>	10 minutes	10 minutes

DRYING TIMES

Deltron Progress UHS Topcoat System

D8141 Clearcoat System

Through dry at 20°C	12 hours with D8216 16 hours with D8217	8 hours with D8216 12 hours with D8217
Through dry at 60°C	10 minutes with D8216 20 minutes with D8217 30 minutes with D8218 35 minutes with D8219	15 minutes with D8216 25 minutes with D8217 35 minutes with D8218 40 minutes with D8219

- Stoving times are for quoted metal temperature. Additional time should be allowed in the stoving schedule to allow metal to reach recommended temperature.

Total dry film build:

Minimum	45µm	50µm
Maximum	55µm	60µm

theoretical coverage	**5 - 6 m ² / l	6 - 7 m ² / l
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** Theoretical coverage in m² per litre ready-to-spray, giving 50 µm dry film thickness

Flattening:	essential before recoating to ensure good adhesion	
grade wet	P800	P800
grade dry	P400	P400

OVERCOATING/RECOATING

Can be overcoated 1 hour after baking and cooling.

Overcoat with Any PPG 2K Primer or Deltron topcoat

VOC Information

For VOC information, please refer to appropriate UHS Direct Gloss and Clearcoat Technical Data Sheet.

HEALTH AND SAFETY

These products are for professional painting 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

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