



GLOBAL REFINISH  
SYSTEM



March 2012

# Product Information



## WASH ETCH PRIMER – Chromate Free D8092

*Wash Etch Primer D8092  
Reactive Thinner D8293  
Slow Reactive Thinner D833*

### PRODUCT DESCRIPTION

**Wash Etch Primer D8092** is a two component, pigmented chromate-free etch.

It is designed to give good adhesion when used on new panels and to promote the adhesion of subsequent paint films.

Wash Etch Primer can be overcoated with any PPG 2K Solventborne Acrylic Primer.

This product must always be catalysed with its own Reactive Thinners.

### PREPARATION OF SUBSTRATE



#### **Substrate**

Bare steel  
Galvanised steel  
Zintec  
Aluminium and alloys  
Electropaint  
Aged painted surfaces  
GRP , Fiber-Glass  
Polyester filler/stopper

#### **Preparation**

P80 – 120 (dry)  
P400 (dry)  
Scotchbrite  
P280-320(dry)  
P360 (dry)/P800 (wet)  
P400 - 500 (dry)/P280 - 320 (wet)  
P320 (dry)  
P180 or finer (dry)



Degrease all surfaces to be painted with appropriate PPG substrate cleaner before and after sanding operation. See Technical Data Sheet **Deltron Cleaners RLD63V**.

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## MIXING RATIOS

### 1. Mixing Ratios:

	<u>By Volume</u>
	<u>Normal use</u>
D8092	1 vol
D8293*	1 vol

Allow activated paint to stand for 10 minutes before using.

\*For exceptional conditions of temperature and humidity (> 35°C / >70%) and for large areas use Slow Reactive Thinner D833

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## MIXED PRODUCT DETAILS

Potlife at 20°C:	5 days
Spray viscosity at 20°C:	14 - 15 seconds DIN4

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## APPLICATION AND FLASHOFF

Spraygun set-up: 1.3 - 1.6 mm



Number of coats: 1 full coat to give a film thickness of 10 – 15 microns (0.4 – 0.6 thou.)

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## DRYING TIMES



Before Recoat (At 20°C) 15 minutes, depending on drying conditions and film thickness.

Total dry film build: 10 - 15 µm (0.4 – 0.6 thou.)

Theoretical coverage: Assuming 100% transfer efficiency and dry film thickness as indicated:  
12m<sup>2</sup>/l

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## RECOATING



Overcoat / Re-coat time (At 20°C)

Air drying at 20°C 15 minutes

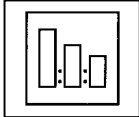
Overcoat with: Must be recoated with PPG 2K Solventborne Acrylic Primers within 24 hrs.



# Global at a Glance

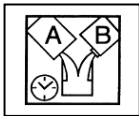
# D8092

## WASH ETCH PRIMER - Chromate Free



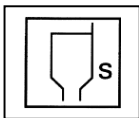
### Mixing by volume

With D8293 or D833      1 : 1



Pot Life at 20°C      5 days maximum.

For exceptional conditions of Temperature and humidity (above 35°C or 70% RH) and for large areas, the use of D833 Slow Reactive thinner is recommended.



Application viscosities      14 - 15 seconds DIN4 - with D8293 / D833



Spraygun Sizes      1.3 - 1.6 mm Fluid Tip



Number of Coats      1 Full Coat



### Drying Times

Through dry at 20°C - (Dry to Recoat)      15 minutes using D8293 / D833, depending on drying conditions and film thickness.

Maximum Recoat Time      24 hours.



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## PERFORMANCE AND LIMITATIONS



Low builds, excessive thicknesses or approximate mixing ratio will reduce performance of the product.

Wash Etch Primer should not be applied over thermoplastic or solvent sensitive finishes.

Wash Etch Primer should not be applied under Polyester Filler/Stopper.

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## EQUIPMENT CLEANING

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

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## VOC INFORMATION

The EU limit value for this product (product category: IIB.c) in ready to use form is max. 780g/litre of VOC. The VOC content of this product in ready to use form is max. 780g/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.

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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: [www.ppgrefinish.com](http://www.ppgrefinish.com)

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