

Technical Data Sheet

RLD8965V

November 2022

International Master - for professional use only

Product List

Performance Wash Primer			
Product	Description		
F8965	High Performance Wash Primer		
F8384	Wash Primer Reactive Thinner Normal		
F371	Delfleet Slow Thinner		
F372	Delfleet Medium Thinner		
F373	Delfleet Fast Thinner		

Product Description

Delfleet One F8965 High Performance Wash Primer gives excellent corrosion resistance and adhesion to a wide range of metal subtrates. It is used with a dedicated activator and must be combined with one of the 3 thinners listed. It can give a fast process time and is recoatable after 30 minutes with Delfleet One primers / surfaces or directly with Delfleet One Topcoat.





Substrates and Preparation

PREPARE THE SUBSTRATE AS FOLLOWS:



Substrates:

Bare steel
Bare Aluminium
Anodized Aluminium
Galvanized Steel
Stainless Steel
GRP

Sanding:

P320-400

P80-P150 P360 or Fine Blasting No Sanding Abrade with ScotchBrite® P100



Cleaning:

The substrate to be painted must be dry, clean, free of corrosion, grease & mould release agents.

Substrates need to be thoroughly prepared using a combination of D845 Degreaser & D837 Spirit Wipe (or D8401 Low VOC Cleaner).

Process

CONVENTIONAL or PRESSURE POT APPLICATION



Mixing Ratio by Volume:

F8965 High Performance Wash Primer	2
F8384 Reactive Thinner Normal	1
F37X Thinner	0.6

Recommended combinations:

Temperature	<18°C	18-25°C	>25°C
Combination	Fast	Medium	Slow
Thinner	F373	F372	F371



Potlife at 20°C: 24 Hours





Application Process

CONVENTIONAL, PRESSURE POT OR AIR ASSISTED AIRLESS APPLICATION



Spray Viscosity at 20°C: 18-22 seconds DIN4 for Conventional/Pressure Pot application



Gravity Feed: 1.4-1.6 mm tip at 2.0-2.4 bars Air Pressure

Suction Feed: 1.6-1.8 mm tip at 2.0-2.4 bars Air Pressure



Pressure Feed: Tip Size: 0.8-1.1 mm

Paint Pressure: 0.3-1.0 bar Fluid flow rate: 280-320 cc/min



Number of Coats 2 single coats

Dry Film Thickness: $15 - 20 \mu m$



2 coats:

Flash-Off between coats: Minimum 15 minutes or until fully semi-matt Flash-Off before recoat: Minimum 30 minutes and until fully semi-matt

or Low Bake 15 minutes @50°C



Drying Time:

20°C Dust free:15-20 min.20°C Through dry2 hours50°C Bake (metal temp.)20 min.



Wet: If necessary P600-P800 or

Dry: P320-P400

Spray another coat in case of rub-throughs





Overcoating

For Premium anti-corrosive protection, F8965 Wash Primer should be recoated with any of the PPG Delfleet Commercial Transport 2-pack undercoats or primers/surfacers (with exception of Epoxy Primers) followed by Delfleet Topcoats.

For standard usage, F8965 Wash Primer can be recoated directly with PPG Delfleet Topcoat if the substrate is well-prepared and thickness of the Etch primer exceeds 15 microns dry film thickness everywhere (including vulnerable areas). Consult PPG technical recommendations for a working procedure regarding etch primer application.

F8965 does not require flatting within recommended interval and can be directly recoated with primer.

It may be flatted when hard dry using P320-400 abrasives.

If left for more than 24 hours, F8965 must be flatted before recoating.

When flatting the F8965 Wash Primer, it is critical that in all cases the minimum specified dry film thickness is remaining on all areas.

Health and Safety

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

The VOC content of this product in ready for use form is max. 780 g/l. 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.

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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