

Product Information

DELFLLEET F392 / F3976

PRODUCT

Delfleet High Build Primer Surfacer White	F3976
Delfleet High Build Primer Surfacer Grey	F392
MS Hardener - Medium	F8286
MS Hardener - Slow	F8284
MS Thinner - Medium	F8375
MS Thinner - Slow	F8374



PRODUCT DESCRIPTION

Delfleet 2K Primer F392 is a versatile fleet primer which can be used as a high build primer, or as a primer-surfacer or non-sand primer, simply by varying the amount of thinner used.

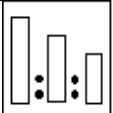



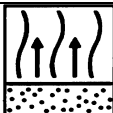

It is particularly recommended for use on large surfaces such as those found on trucks, buses and trains where its excellent flow helps reduce time spent on sanding.



For high specification corrosion resistance, it is recommended that this primer should be used over a PPG Wash Primer or over a PPG Epoxy Primer.

SUBSTRATE PRE-TREATMENT

	Substrate	Sand	Pre-prime	Degrease
	Hot rolled steel	Blast Clean	F393 /F8960 or F391	Do Not Degrease
	Cold rolled steel	P80-120	F393 /F8960 or F391	
	Galvanised steel	P80-120	F393 /F8960 or F391	All surfaces should be thoroughly degreased using the appropriate PPG substrate cleaner (see guide overleaf)
	Aluminium and alloys	P360	F393 /F8960 or F391	
	GRP	P320-400	Not necessary	
	Aged painted surfaces	P320-400	Not necessary	
Do not use Delfleet 2K primer over:				
<ul style="list-style-type: none"> - Acrylic Thermoplastic finishes - Synthetic finishes 				

PREPARATION AND APPLICATION

GUIDE TO SELECTION OF SUBSTRATE CLEANER				
Code	Product	Purpose		
D845	DX310 High Strength Degreaser	For use as a pre-cleaner in the first stage of the process. Use before starting any repair work and on any bare metal substrate		
D837	DX330 Spirit Wipe	Suitable for removing dirt, grease or other contaminants before or during the painting process		
D8401	WB Low VOC Cleaner	Particularly designed to remove contaminants after sanding, and in areas where VOC emissions should be minimised		
	F392 / F3976 F328X F837X	Primer Surfacer 6 vol 1 vol 0-1 vol	Non-sand Primer 6 vol 1 vol 1-1.5 vol	Pressure Pot 6 vol 1 vol 1-1.5 vol
*Thinner selection:		Temperature Up to 25°C Over 25°C	Thinner F8375 Thinner F8374 Thinner	
Potlife at 20°C		2 hr 30 min	3 hr 30 min	2 hr 30 min / 3 hr 30 min
	Spray Viscosity DIN4/20°C:	45-50 secs	24-32 SECS	24-32 SECS
	Spray Gun set-up: Spray Pressure:	1.6-1.8 mm 4 bar	1.4-1.6 mm 4 bar	1.4 mm 4 – 5 bar
	Number of coats:	2 - 3	1 - 2	2 full
	20°C Flash off: Between coat Before stoving	15 min 15 min	15 min No stoving	15 min 10 – 15 min
Drying time: 	20°C 60°C 70°C IR medium	3 hours 40 min* 30 min* 20 min	20 – 30 min flash-off before topcoat	3 hours 30 min* 30 min* 20 min
* 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 Maximum Theoretical coverage**:	70µm 100µm 4 m ² / l(100µm)	30µm 60µm 8 m ² / l(50µm)	70µm 90µm 6 m ² / l(75µm)
** Theoretical coverage in m ² per litre ready to spray mixture, giving indicated dry film thickness.				

Sanding:  	Flatting: Wet Dry	Yes P400 - P600 P320 - P360	No	Yes P400 P600 P320 - P360
	Overcoat/re-coat time: Non-sand at 20°C Pre-sand At 20°C At 60°C	 40 min 3 hours 30 min	 20 – 30 min 20 min	 40 min 3 hours 30 min
	<i>Overcoat with:</i>	Any Delfleet One MS Performance topcoat or with F341 Basecoat/Clearcoat or with Envirobase HP/Delfleet Clearcoat		

GREYMATICS

These primers may be blended as below to give a range of GreyMatics.

	G01	G03	G05	G06	G07
F392 - Grey	-	100g	99.5g	97.5g	88.5g
F3976 - White	100g	-	-	-	-
F3561 - Black Paste	-	-	0.5g	2.5g	11.5g

PAINTING PLASTICS

F392 / F3976 can be used over the appropriate plastics primer, when painting plastic parts, to give build.

When used over very flexible plastics these primers should be mixed:-

6 parts	F392 / F3976
1.5 parts	F3437 Flexible Additive
2 parts	Hardener
2 parts	Thinner

Note: The use of the flexible Additive will extend drying times

PERFORMANCE AND LIMITATIONS

To provide a coloured undercoat, Delfleet 2K Primer F392 may be tinted with up to 5% of an appropriate Delfleet tint before mixing with hardener and thinner.

The use of HVLP spray equipment can give an increase in transfer efficiency of about 10% depending upon the brand and model of equipment used.

As the 2K components are sensitive to humidity all equipment must be perfectly dry. We do not advise using this product when relative humidity exceeds 80%.

Part used cans of hardener must be carefully closed.

EQUIPMENT CLEANING

After use clean spray gun thoroughly with F8374 or F8375 thinner.

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: http://www.ppg.com/PPG_MSDS

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