

Product Data Sheet

November 2022



INTERNATIONAL MASTER
FOR PROFESSIONAL USE ONLY

U0370V

HS Wet on Wet Undercoat P565-370X

Product	Description
P565-3701	HS Wet on Wet Undercoat White SG01
P565-3705	HS Wet on Wet Undercoat Grey SG05
P565-3707	HS Wet on Wet Undercoat Grey SG07
P210-982	EHS Turbo Plus Hardener
P210-9652	EHS Turbo Plus Medium Hardener
P852-1792	EHS Turbo Plus Additive Thinner – Medium
P852-1790	EHS Turbo Plus Additive Thinner – Slow

Product Description

HS Wet on Wet Undercoat , P565-370x, is based on the latest technical developments in primer technology, and should be used where optimisation of the repair and building processes are key requirements.

HS Wet on Wet Undercoat is designed for use under **Aquabase Plus** basecoat (P989) and **2K EHS Turbo Plus** topcoat (P498), provides a truly productive process that removes the need for sanding. This product can be applied direct to Electrocoat and can be topcoated up to five days later without the need for primer sanding.

Excellent application combined with the excellent levelling properties provide a high quality finish, equivalent to that provided by a traditional sanded primer, and delivers a non-sanding route to optimise the whole repair process.

Especially valuable for new panel work, HS Wet on Wet Undercoat allows booth utilisation to be optimised by providing the opportunity for priming new panels in advance in small batches, ready for topcoating at the same time as the vehicle.

The strong adhesion and anti-corrosion properties of HS Wet on Wet Undercoat , P565-370x allows small rub through areas of bare metal to be primed without the need for an Etch Primer, again saving a step in the repair process.

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Process

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General Process Notes

CHOICE OF HARDENER AND THINNER

The exact choice of hardener and thinner combination will depend on the gun set-up used, air movement, size of repair, temperature and application conditions. However, below is a general guide :

Hardener	Temperature Range	Recommended Thinner
P210-982	Below 25°C	P852-1792
P210-982	Above 25°C	P852-1790
P210-9652	Below 25°C	P852-1792
P210-9652	Above 25°C	P852-1790

HS WET ON WET UNDERCOAT CAN BE USED IN PRIMER FILLER MODE USING THE FOLLOWING RECOMMENDATIONS

Mix and use the gun set up as recommended in the main Process note.

Apply 1 light + 2 full coats

This gives a film thickness of approximately 60-70 microns

Bake for 30 minutes at 60°C metal temperature.

IR medium wave 5 min flash-off, followed by a 10 min cure time.

IR/GAS 50 cm 110°C.

After cooling dry sand with P400 or finer

SUBSTRATES AND PREPARATION

HS Wet on Wet Undercoat should only be applied over:

Well cleaned un-sanded Electrocoat.

Bare steel areas up to 10cm diameter without the need for an Etch Primer

Galvanised Steel for rub throughs up to 10cm maximum diameter

Zintec for rub throughs up to 10cm maximum diameter

Aluminium and alloys for rub throughs up to 10cm maximum diameter

Aged painted and original surfaces sanded with P320 or finer

GRP, Fibreglass sanded P120/ P240/P320

Polyester Filler P120/ P240/P320

Note: A 2-pack Etch Primer should be applied prior to the application of HS Wet on Wet Undercoat for areas of bare metal above 10cm diameter, area's particularly vulnerable to corrosion or for OEM warranty standard corrosion performance.

PAINTING PLASTICS

HS Wet on Wet Undercoat can be applied directly over well prepared and cleaned ABS, NORYL, PC/PBT, LEXAN, PUR and SMC, as well as sanded and pre-primed bumpers.

Large bare plastic sections or rub through areas on bumpers, e.g. PP, TPO, PP/EPDM should be primed first with a light coat of P572-2001 Plastic Primer, and flashed off 10 minutes before the application of HS Wet on Wet Undercoat

DEGREASING

Substrates must be cleaned thoroughly with a suitable Nexa Autocolor cleaner.

The substrate cleaner must be wiped off the panel surface immediately using a clean dry cloth.



Mixing Spectral Grey Range

% by wt.	SG1	SG3	SG5	SG6	SG7
-3701	100	75	--	--	--
-3705	--	25	100	48	--
-3707	--	--	--	52	100

Note: The mixed Spectral Grey shade must be activated and thinned as normal.

INFORMATION

The EU limit value for these products (product category: IIB.c) in ready to use form is max. 540g/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 these products 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 Heath and Safety information please refer to the material Safety Data Sheet, also available at:
www.nexaautocolor.com

For further information please contact:

Customer Service Sales Group

PPG Industries (UK) Ltd

Needham Road

Stowmarket

Suffolk IP14 2AD

Tel: 01449 771771

Fax: 01449 773472

