

Product Data Sheet

January-2024

INTERNATIONAL MASTER FOR PROFESSIONAL USE ONLY

H5685V

Eco-Dry Primer	
Product	Description
P565-5811/15/17	Eco-Dry Primer
P210-8820	Hardener
P850-1700	STD Thinner
P850-1701	HT Thinner

Product Description

The new Eco-Dry Primer has been developed to reinforce NEXA AUTOCOLOR® brand's position as a market leader of quality products. The aim of Nexa Autocolor is to constantly build its reputation through the delivery of leading-edge, innovate products, outstanding colour quality and repair process efficiency.

This new Primer range has been designed by Nexa Autocolor to provide incredible benefits to the brand thanks to the launch of a new technology that provides an eco-friendly product in the Premium offer.

This new Primer is launched in three grey shades and alongside dedicated ancillaries: one hardener and two thinners allowing great performance in both low and high temperatures with a simple 3:1:0.5 simple mixing ratios.

The new Eco Primer is VOC Compliant to the European VOC regulative.

Main characteristic of this new primer is the fast-Air-drying, and the excellent sanding properties.

Easy to apply in one visit application.

Application in 1 light coat followed by 2-4 full coats without flash-off.

Product Data Sheet

SUBSTRATES AND PREPARATION

Bare Metal should be lightly abraded, degreased and completely rust free before application. For larger size of bare steel use SPP3006 Adhesion wipes.

SPP3006 Adhesion Wipe Process:

Apply the cloth to the bare, previously well cleaned metal substrate (SPP3006 is not a cleaning cloth!) and allow it to flash off until matt before applying the Air-Dry Primer.

For optimum adhesion and corrosion protection use P565-6850 Wash-etch- or Epoxy-Primers.




SPP3006 have the same adhesion and corrosion protection as P565-9868.




If epoxy primer is used, ensure sufficient flash-off time or allow to dry completely before applying Eco-Dry-Primer.




Plastics:

- P565-581X can be applied directly to common Primed automotive plastics.
- Note P471 line are not recommended as topcoat over P565-581X on plastic parts, only metal parts.

Process

	<p>PRIMER</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 60%;">P565-8511/15/17 Eco-Dry Primer</td> <td style="text-align: right;">3 parts</td> </tr> <tr> <td>P210-8820 Hardener</td> <td style="text-align: right;">1 part</td> </tr> <tr> <td>P850-1700 Std. or 1701 HT.</td> <td style="text-align: right;">0,5 part</td> </tr> </table>	P565-8511/15/17 Eco-Dry Primer	3 parts	P210-8820 Hardener	1 part	P850-1700 Std. or 1701 HT.	0,5 part
P565-8511/15/17 Eco-Dry Primer	3 parts						
P210-8820 Hardener	1 part						
P850-1700 Std. or 1701 HT.	0,5 part						
	NOTE: FOR ACCURATE ACTIVATION AND THINNING, WEIGHT MIXING IS RECOMMENDED SEE PAGE 4						
	<p>Activated viscosity: 17 - 18 secs DIN4 @ 20°C (Double viscosity in 45 min.)</p> <p>Pot-life: 30 min at 20°C</p> <p>Clean gun immediately after use</p>						
	<p>Fluid Tip</p> <p>Gravity Fed: 1,4- 1.6 mm not higher</p> <p>Inlet Pressure: Refer to spraygun manufacturers recommendation (normally 2 bar / 30 psi).</p>						

	<p>Fluid Tip Gravity Fed: 1.4-1,6 mm not higher (except Iwata HVLP 1.7mm) Pressure: Refer to spraygun manufacturers' recommendation (0.7 bar / 10 psi max at air cap).</p>
	<p>One visit Application 1 light & 2-3 full coats (max. 4 coats if necessary)</p>
	<p>The first coat should be applied as a light closed coat. Second and third is applied as full coats.</p> <p>Flash off between coats after first coat, allow 15-20 sec. flash off. All other coats is applied in one visit.</p> <p>*Note; A fourth coat is possible but for sensitive surface avoid heavy layers.</p>

	<p>Air-dry at 20°C:</p> <p>2½ coats Air Dry in 30 min. 80-100 micron DFT 3½ coats Air Dry in 35 min. 100-120 micron DFT 4½ coats Air Dry in 40 min. 120-140 micron DFT</p>
	<p>IR Shortwave: 1 min flash followed by 5 min @ 50% efficiency</p> <p>5-10 min @ 60 °C 10-15 min @ 50°C 15-20 min @ 40 °C</p> <p>*Note: When using etch primer for optimum adhesion and corrosion drying time will be slight longer.</p>
	<p>Finish with the following grades: -</p> <p>P400 or finer: Single layer solid colours (Direct Gloss) P400 or finer: Basecoats</p> <p>Use 1K aerosols for rub-through areas during/after filler sanding. For the correct final sanding and the respective 1K Primer version, take the PDS of the base- topcoat into account.</p>

SPECTRAL GREYS

Process

TOPCOAT

P565-5811/15/17-Eco-Dry Primer can be top coated with Nexa Autocolor Aquabase Plus (P989).

For each of the Spectral Grey primer variants specified the following mixing ratio applies:

	G1	G3	G5	G6	G7
P565-5811	100	80	--	--	--
P565-5815	--	20	100	20	--
P565-5817	--	--	--	80	100

MIXING BY WEIGHT:

The weights are cumulative - please do NOT tare the balance between additions.

Volume of RFU primer required (Litres)	Wt. Primer Grams (3 Parts)	Wt. Hardener Grams (1 Part)	Wt. Thinner (STD) Grams (0,5 Part)	Wt. Thinner (HT) Grams (0,5 Part)
0.25 L	280,0	335,8	360,3	360,8
0.5 L	560,0	671,7	720,5	721,5
0.75 L	840,0	1007,5	1080,8	1082,3
1.0 L	1120,0	1343,3	1441,0	1443,0
1.5 L	1680,0	2015,0	2161,5	2164,5

EQUIPMENT CLEANING

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

VOC INFORMATION

The EU limit value for this product (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 this product may be lower than that specified by the EU Directive code.

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