

Product Data Sheet

July-2023

INTERNATIONAL MASTER FOR PROFESSIONAL USE ONLY

H5685V

Eco-Dry Primer

<i>Product</i>	<i>Description</i>
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

SUBSTRATES AND PREPARATION

Bare Metal should be lightly abraded, degreased and completely rust free before application.

Air-Dry Primer, P565-5811/15/17 may be applied directly to small areas of bare steel. For larger size of bare steel use ADHW-50 Adhesion wipes.

ADHW-50 Adhesion Wipe Process: Apply the wipe on bare metal and leave it to flash of till mat prior Air-Dry Primer application.

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

Plastics:

➤ P565-581X can be applied direct to plastic.

*NOTE P471- Direct Gloss, is not recommended as topcoat on plastic substrate.

Process



PRIMER

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



Activated viscosity: 17 - 18 secs DIN4 @ 20°C (Double viscosity in 45 min.)

Pot-life: 30 min at 20°C

Clean gun immediately after use



Fluid Tip

Gravity Fed:	1,4-1.6 mm
Inlet Pressure:	Refer to spraygun manufacturers recommendation (normally 2 bar / 30 psi).

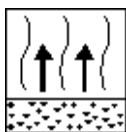


Fluid Tip

Gravity Fed:	1.4-1,6 mm
Pressure:	Refer to spraygun manufacturers' recommendation (0.7 bar / 10 psi max at air cap).



One visit Application
1 light & 2-4 full coats



The first coat should be applied as a light closed coat.
Second, third and fourth is applied as full coats.

Flash off between coats after first coat, allow 10-15 sec. flash off.
Second, Third, And Fourth coat is applied in one visit.

***Note; For sensitive surface avoid heavy layers.**



Air-dry at 20°C:

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



IR Shortwave: 1 min flash followed by 5 min @ 50% efficiency

5-10 min @ 60 °C
10-15 min @ 50°C
15-20 min @ 40 °C

***Note:** When using etch primer for optimum adhesion and corrosion drying time will be slight longer.



Finish with the following grades: -

P400 or finer: Single layer solid colours (Direct Gloss)
P400 or finer: Basecoats



Finish with the following grades: -

P800 or finer: Single layer solid colours (Direct Gloss)
P800 or finer: Basecoats

TOPCOAT

P565-5811/15/17-Eco-Dry Primer can be top coated with Nexa Autocolor Aquabase Plus (P989).
Plastics: P471- Direct Gloss is not recommended as topcoat on plastic substrate.

Process

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 (T5) Grams (0,5 Part)	Wt. Thinner (T6) 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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