

Product Data Sheet

July 2020

INTERNATIONAL MASTER FOR PROFESSIONAL USE ONLY

H5672

Premium Surfacer P565-5701, P565-5705 & P565-5707 (with P210-8815 HS+ Hardener)

<i>Product</i>	<i>Description</i>
P565-5701	Premium Surfacer – White Spectral Grey 01
P565-5705	Premium Surfacer – Grey Spectral Grey 05
P565-5707	Premium Surfacer – Dark Grey Spectral Grey 07
P210-8815	2K HS+ Hardener
P850-1692/1693/1694/1695 or-	2K Low VOC Thinners
P850-1492/1493/1494/1495	2K Thinners
P100-2020	Flexible Additive for Plastics

Product Description

P565-5701, P565-5705 and P565-5707 (P565-570X Premium Surfacers) are 2K HS acrylic primer surfacers, designed for use under NEXA AUTOCOLOR® 2K topcoats (P420/P421/P471), 2K Basecoats (P422), Aquabase Plus (P989), 2K topcoat systems. They are easy to apply and sand and give excellent final appearance.

A range of Spectral Grey primers can be achieved using P565-5701/5705/5707, which ensure that high quality colour matches can be achieved quickly and easily while optimising topcoat usage.

SUBSTRATES AND PREPARATION

The P565-570X surfacers should only be applied over:





Well sanded and degreased bare steel. Use *Nexa Autocolor* 2-pack Etch Primer or 2-pack Epoxy Primer for maximum durability. Aluminium **must** be Etch or Epoxy primed.

Well sanded GRP, polyester fillers works primer and old finishes in sound condition.

Good preparation is vital in order to obtain the best results from these products. The following grades of sanding paper are recommended for substrate preparation: -

Wet or dry paper	P280 - P320 (GRP P400)
Dry machine sanding	P180 - P240

NOTE: Not recommended for spot repairs over thermoplastic acrylic, old lacquer finishes or sensitive substrates. Over these substrates, apply to complete panels only.

Process		
	<p>Air-dry at 20°C: 3 – 4 hours</p>	<p>Air-dry below 20°C: Overnight</p>
	<p>Baking at a metal temperature of 60°C: 20 – 30 minutes depending on film thickness</p>	
	<p>Medium Wave: 12 minutes</p> <p>Allow P565-570X surfacers to flash off for 5 minutes before drying with the infrared lamp. Drying times will depend on the type of infrared lamp used.</p>	
	<p>Finish with the following grades: -</p> <p>P360 or finer: Single layer solid colours (Direct Gloss) P400 or finer: Basecoats</p>	
	<p>Finish with the following grades: -</p> <p>P600 or finer: Single layer solid colours (Direct Gloss) P800 or finer: Basecoats</p>	
<p>TOPCOAT</p>	<p>P565-570X surfacers can be directly topcoated with <i>Nexa Autocolor</i> 2K topcoats (P420/P421/P471), 2K basecoats (P422) & Aquabase Plus (P989).</p> <p>If P565-570X surfacers are left for more than 2 days after sanding, they should be sanded again prior to application of further undercoat or topcoat.</p>	

Process

PAINTING PLASTICS

P565-570x primer fillers may be applied over primed plastic.

If P565-570x primer fillers are applied over a flexible plastic, e.g. PP/EPDM, PBT (Pocan) or PUR then they must be mixed as follows: -

P565-570x 5 parts
 P100-2020 (Flexible additive for plastics) 1 part
Then activate and thin in the normal manner.

Addition of P100-2020 can cause a reduction in the drying and sanding performance. For more detailed information on the painting of plastic substrates, refer to the Painting Plastics PDS.

SPECTRAL GREYS

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

SG1	P565-5701	100		100g	250g	500g
SG3	P565-5701	75	3	75g	188g	375g
	P565-5705	25	1	25g	62g	125g
SG5	P565-5705	100		100g	250g	500g
SG6	P565-5705	48	0.95	48g	120g	240g
	P565-5707	52	1.05	52g	130g	260g
SG7	P565-5707	100		100g	250g	500g

CHOICE OF THINNER

The choice of thinner should be made according to application temperature, air movement and size of job. The recommendations below are for guidance only :-

Thinner:

P850-14/1692
 P850-14/1692/-14/1693
 P850-14/1693
 P850-14/1693/-14/1694
 P850-14/1694
 P850-14/1695

Ideal temperature range:

Below 20°C
 15 - 25°C
 20 - 30°C
 25 - 35°C
 30 - 40°C
 Above 35°C

Process				
Weight Activations for use with HS hardeners (P210-8815) Ratio 7 : 1 : 1 - 2				
1 Litre RFU Sprayable Volume (@ 7 : 1 : 2 ratio)	Please note the weights are cumulative. Do not tare or zero scale between additions			
SG 01	Wt. Primer P565-5701 Grams (7 Parts)	Wt Hardener P210-8815 Grams (1 Part)	Wt. Thinner P850-14/16- 92/3/4/5 Grams (1 Part)	Wt. Thinner P850-14/16- 92/3/4/5 Grams (2 Parts)
1.0 L	1078	1184	1266	1384
SG 05	Wt. Primer P565-5705 Grams (7 Parts)	Wt Hardener P210-8815 Grams (1 Part)	Wt. Thinner P850-14/16- 92/3/4/5 Grams (1 Part)	Wt. Thinner P850-14/16- 92/3/4/5 Grams (2 Parts)
1.0 L	1077	1183	1266	1346
SG 07	Wt. Primer P565-5707 Grams (7 Parts)	Wt Hardener P210-8815 Grams (1 Part)	Wt. Thinner P850-14/16- 92/3/4/5 Grams (1 Part)	Wt. Thinner P850-14/16- 92/3/4/5 Grams (2 Parts)
1.0 L	959	1065	1147	1229

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.nexaautocolor.com

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