NS2602 - NS2607
NON-SANDING PRIMER-SURFACER

PRODUCT DESCRIPTION

Non-Sanding Primer-Surfacer Off White NS2602 / Black NS2607 is an extremely versatile non-sanding primer-surfacer that eliminates the need for a two-stage build-up, which helps to boost productivity. It can be applied directly over metal and unsanded e-coats, and with the addition of additive AZ9600, to exterior plastic parts. It is suitable for all topcoats from Cromax.

Versatile productive non-sanding primer-surfacer

VS1 VS2 VS3 VS4 VS5 VS6 VS7

Developed by Cromax®, ValueShade® delivers the optimal undercoat for every topcoat colour.

FEATURES

01 Has wide tolerance for spray gun settings.

02 Provides fast recoat time.

03 Helps to boost productivity.

04 Can be applied directly to metal.

05 Offers wide application window.

06 Can be used on common plastics without adhesion promoter.

07 Suitable for use on exterior plastic parts with the addition of AZ9600 plastic additive.

08 Part of the ValueShade concept.

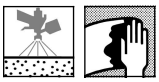
TECHNICAL DATA SHEET

NS2602 - NS2607

NON-SANDING PRIMER-SURFACER

Product preparation - application STANDARD NON-SANDING

It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Bare steel sanded and cleaned
Galvanised steel or aluminium, sanded and cleaned
Old or original paintwork well sanded and cleaned.
OEM Primer (e-coat), finely sanded or unsanded and thoroughly cleaned. Remark: due to the wide variety of electrocoats present on the market, its quality can differ a lot. For this reason preferably scuff sand the e-coat
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.

	VS2	VS3	VS4	VS5	VS6	VS7
NS2602	100	95	85	55	20	-
NS2607	-	5	15	45	80	100

M-6153 / M-6154

	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
NS2602 / NS2607	4	100	4	100	4	100
AR7305 / XK205	-	-	1	16	-	-
AR7306 / XK206	-	-	-	-	1	16
XK203	1	16	-	-	-	-
XB383	1.5	19	-	-	-	-
XB383 / XB387	-	-	1.5	19	1.5	19

Pot life at 20°C: 1 hr

	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	1.5 - 2 bar	inlet pressure
HVLP	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions

1 - 2 coats

final flash-off: 15 min - 8 hr

Basecoat + Clearcoat
2K Topcoat

VOC compliant

2004/42/IIB(c)(540) 540: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 540 g/l.

TECHNICAL DATA SHEET

NS2602 - NS2607

NON-SANDING PRIMER-SURFACER

Product preparation - application STANDARD SANDING

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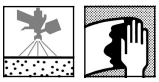


Bare steel sanded and cleaned
Galvanised steel or aluminium, sanded and cleaned
Old or original paintwork well sanded and cleaned.
OEM Primer (e-coat), finely sanded or unsanded and thoroughly cleaned. Remark: due to the wide variety of electrocoats present on the market, its quality can differ a lot. For this reason preferably scuff sand the e-coat
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.

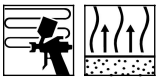
M-6153 / M-6154

	Spot & Panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
NS2602 / NS2607	4	100	4	100	4	100
AR7305 / XK205	-	-	1	16	-	-
AR7306 / XK206	-	-	-	-	1	17
XK203	1	16	-	-	-	-
XB383	1.5	19	-	-	-	-
XB383 / XB387	-	-	1.5	19	1.5	20

Pot life at 20°C: 1 hr

	Spray nozzle	Spray pressure	
Compliant	1.4 - 1.8	1.5 - 2 bar	inlet pressure
HVLP	1.4 - 1.8	0.7 bar	atomisation pressure

see manufacturer's instructions



2 - 3 coats

intermediate and final flash-off: 5 min - 10 min

	XK203/XK205/AR7305	XK206/AR7306
20 °C	12 hr - 16 hr	12 hr - 16 hr
60 - 65 °C	25 min - 30 min	25 min - 30 min

Guideline for short wave IR equipment
Half power: 2 min
Full power: 8 min

P400 - P600

Basecoat + Clearcoat
2K Topcoat

VOC compliant

2004/42/IIB(c)(540) 540: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 540 g/l.

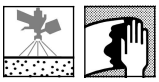
TECHNICAL DATA SHEET

NS2602 - NS2607

NON-SANDING PRIMER-SURFACER

Product preparation - application STANDARD PLASTIC

It is strongly recommended to use appropriate personal protection equipment during application to avoid respiratory, skin and eye irritation.



Repairs to exterior common plastic car parts, sanded and cleaned.
New exterior common plastic car parts, tempering 60 min. 60-65°C / first cleaning use a pad ultrafine soaked in 3871S Plastic Prepclean / final cleaning use a cloth moistened with 3950S Anti-static Degreaser.
Wipe surface to loosen and lift contaminants. Immediately, thoroughly wipe off with a clean cloth. Change cloths often, never use dirty cloths.
Remove thoroughly all traces of release agents.

	VS2	VS3	VS4	VS5	VS6	VS7
NS2602	100	95	85	55	20	-
NS2607	-	5	15	45	80	100

M-6153 / M-6154

	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
NS2602 / NS2607	5	100	5	100	5	100
AR7305 / XK205	-	-	1	13	-	-
AR7306 / XK206	-	-	-	-	1	13
XK203 *	1	13	-	-	-	-
AZ9600	2.5	26	2.5	27	2.5	27
XB383	0 - 10 %	0 - 6	0 - 10 %	0 - 6	-	-
XB387	-	-	-	-	0 - 10 %	0 - 6

* It is recommended to add 0-10% XB383 Standard Thinner or XB387 HI-Temp Thinner

Pot life at 20°C: 1 hr

	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	1.5 - 2 bar	inlet pressure
HVLP	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions

1 - 2 coats

final flash-off: 15 min - 8 hr

Basecoat + Elastified Clearcoat
Elastified 2K Topcoat

VOC compliant

This product mix is out of scope for VOC directive

TECHNICAL DATA SHEET

NS2602 - NS2607

NON-SANDING PRIMER-SURFACER

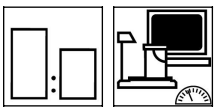
Products

NS2602 Non-Sanding Primer-Surfacer - VS2
NS2607 Non-Sanding Primer-Surfacer - VS7

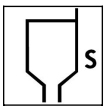
256S Activator Fast
AR7305 High Performance Activator
AR7306 High Performance Activator Slow
XK203 Low Emission Activator Fast
XK205 Low Emission Activator
XK206 Low Emission Activator Slow

AZ9600 Plastic Additive
XB383 Standard Thinner
XB387 HI-Temp Thinner

Product mix



Mixing ratios with special agents are available in the productmix table on ChromaWeb and in the specific TDS.



ISO 4: 37 - 68 s at 20°C
DIN 4: 16 - 24 s at 20°C

30 - 50 µm non-sanding
60 - 120 µm sanding

Theoretical coverage

390 - 420 m²/l at 1 micron dry film thickness
Due to different activator characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.
Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.

Clean after use with a suitable solventbased guncleaner.

TECHNICAL DATA SHEET

NS2602 - NS2607

NON-SANDING PRIMER-SURFACER

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Allow additional time for preheating up to panel temperature.
- When using Wash Primer no IR drying is allowed.
- Non-sanding plastic primer-surfacer setting can also be used on adjacent non plastic panels.
- For air drying we recommend a minimum temperature of +15°C.
- Sanding version is limited to DFT max 100µm when used over Wash Primer.
- Surplus ready for use material should not be returned to original can.
- Mix thoroughly by hand before placing the can on mixing machine.
- Coated plastic car parts should not be washed with a high-pressure jet cleaner within the first six weeks. After this period, the nozzle must be held at a distance of no less than 30 cm from the object.
- On bare steel, galvanized steel and soft aluminium, PS1800 Metal Pretreatment Wipes, Wash Primer or epoxy primer can be applied but is not mandatory.
- Coated plastic car parts should not be washed with a high-pressure jet cleaner within the first six weeks. After this period, the nozzle must be held at a distance of no less than 30 cm from the object.
- Also suitable for use under polyester spray putty or polyester putty. Advised mixing ratio is 3:1:0.8 by volume or 100:21:14 by weight with 256S. The flash-off time before recoating with polyester products is minimum 30-40 minutes at 20°C.
- The use of high performance activators will positively influence the adhesion and stonechip performance of the complete paint system.
- In order to achieve elastic properties the use of Flexible Additive 805R is not required.
- For detailed information regarding suitable plastic substrates, please refer to the Cromax Plastic Painting System TDS - CXPlasticSystem.

Consult Safety Data Sheet prior to use. Observe the precautionary notices displayed on the container.

All other products referred to in the refinish build up are from our Cromax product range. System properties will not be valid when the related material is used in combination with any other materials or additives which are not part of our Cromax product range, unless explicitly indicated otherwise.