

# NS2081 - NS2084 - NS2087

## ULTRA PERFORMANCE NON-SANDING SURFACER



### PRODUCT DESCRIPTION

Based on patented Axalta chemistry, NS2081 - NS2084 - NS2087 Ultra Performance Non-Sanding Surfacers from Cromax delivers the most productive preparation process when overcoating new parts. With a very impressive five-minute flash-off time under Cromax Pro Basecoat, it's ideal for all bodyshops who would like to break throughput records.

**A non-sanding surfacer for new panel repairs that breaks records for throughput and combines ultra-productive performance with premium appearance**

### FEATURES

- 01** Very impressive overcoat and denibbing time after five minutes air drying, depending on local climate conditions. No forced or IR drying needed.
- 02** The high-quality appearance provides outstanding gloss hold-out after top coating.
- 03** Easy to apply in 1 to 2 coats with excellent vertical stability.
- 04** Simple 1:1:0.2 mixing ratio with AR7202 Non-Sanding Surfacers Activator and AZ9800 Energy Surfacers Accelerator.
- 05** Significant energy cost savings and part of the Ultra Performance Energy System, which makes it the fastest way to refinish a new panel.
- 06** The use of PS1800 Metal Pretreatment Wipes is mandatory on metal substrates.
- 07** Part of the ValueShade concept: available in white (VS1), grey (VS4) and black (VS7).

# TECHNICAL DATA SHEET



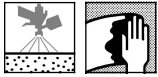
## NS2081 - NS2084 - NS2087

### ULTRA PERFORMANCE NON-SANDING 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.



Steel, galvanised steel and soft aluminium, sanded and cleaned, treated with PS1800 Metal Pretreatment Wipes  
 Old or original paintwork well sanded and cleaned  
 OEM Primer (e-coat), scuff sanded and cleaned  
 Surfaces pretreated with 2K polyester products and then finely sanded and cleaned



	VS1	VS2	VS3	VS4	VS5	VS6	VS7
NS2081	100	75	45	-	-	-	-
NS2084	-	25	55	100	75	45	-
NS2087	-	-	-	-	25	55	100

	Semi flexible		Semi flexible >30°C and 50% RH	
	Volume	Weight	Volume	Weight
NS2081 / NS2084 / NS2087	0.9	93	0.9	93
805R	0.1	7	0.1	7
AR7202	1	63	1	63
AZ9800	0.2	12	-	-
XB387	-	-	0.2	12



at 20°C: 30 min - 1 hr



	Spray nozzle	Spray pressure	
HVLP	1.3 - 1.6 mm	0.7 bar	air cap pressure
Compliant	1.3 - 1.6 mm	1.5 - 1.8 bar	inlet pressure

see manufacturer's instructions



1 - 2 coats

final flash-off: 5 min - 8 hr



Cromax Pro Basecoat + Clearcoat  
 Elastified C5035 Low Emission 2K Topcoat  
 Activated Cromax Pro Basecoat + CC6700 Ultra Performance Energy Clear

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



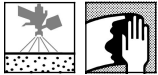
## NS2081 - NS2084 - NS2087

### ULTRA PERFORMANCE NON-SANDING SURFACER

#### Product preparation - application STANDARD FLEXIBILIZED NON-SANDING



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.  
 OEM Primer for plastic, scuff sanded and cleaned.  
 Glass fibre polyester substrates, free of release agents, sanded and cleaned.  
 Plastic substrates coated with 800R/800RA Plastic Adhesion Promotor.



	VS1	VS2	VS3	VS4	VS5	VS6	VS7
NS2081	100	75	45	-	-	-	-
NS2084	-	25	55	100	75	45	-
NS2087	-	-	-	-	25	55	100

	Semi flexible		Semi flexible >30°C and 50% RH	
	Volume	Weight	Volume	Weight
NS2081 / NS2084 / NS2087	0.9	93	0.9	93
805R	0.1	7	0.1	7
AR7202	1	63	1	63
AZ9800	0.2	12	-	-
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 Elastified C5035 Low Emission 2K Topcoat  
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# TECHNICAL DATA SHEET

## NS2081 - NS2084 - NS2087



### ULTRA PERFORMANCE NON-SANDING SURFACER

#### Products

NS2081 Ultra Performance Non-Sanding Surfacers - VS1  
NS2084 Ultra Performance Non-Sanding Surfacers - VS4  
NS2087 Ultra Performance Non-Sanding Surfacers - VS7

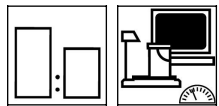
AR7202 Non-Sanding Surfacers Activator

AZ9800 Energy Surfacers Accelerator

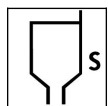
805R Flexible Additive

XB387 HI-Temp Thinner

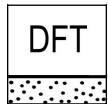
#### Product mix



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



DIN 4: 13 - 14 s at 20°C



25 - 50 µm



Clean after use with a suitable solventbased guncleaner.

#### Remarks

- No Wash Primer or 2K EP Primer-Surfacers under NS2081 - NS2084 - NS2087 Ultra Performance Non-Sanding Surfacers allowed.
- The use of the PS1800 Metal Pretreatment Wipes is mandatory for bare metal substrates. Non-use can be detected analytically.
- Elastification is mandatory for rigid & half rigid types of plastics.
- Non-sanding plastic surfacer setting can also be used on adjacent non plastic panels.
- Very early denibbing at the earliest after 5 min possible.
- After usage all cans must be closed immediately.
- Material has to be at room temperature (18-25°C) before use.
- Humidity has an accelerating influence on the drying performance and potlife.

# TECHNICAL DATA SHEET

## NS2081 - NS2084 - NS2087



### ULTRA PERFORMANCE NON-SANDING SURFACER

Intermediate Valueshades can also be obtained by mixing NS2081 and NS2087.

	VS1	VS2	VS3	VS4	VS5	VS6	VS7
NS2081	100	93	82	60	35	17	-
NS2087	-	7	18	40	65	83	100

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.

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