679S
ULTRA PRODUCTIVE CLEAR

PRODUCT DESCRIPTION

Ultra Productive Clear 679S is a 2K clearcoat based on the patented Hyper Cure™ technology for spot, panel and medium-sized clear-over-base applications. It allows for very short drying times to help significantly boost productivity while delivering an excellent appearance.

Most productive non-voc clear with excellent appearance

FEATURES

01 Easy to apply with excellent and smooth appearance.

02 Offers excellent polishing qualities.

03 Offers very fast air drying and short flash times between coats and bake cycles.

04 Highly productive clear - excellent balance between physical drying and cross-linking.

05 Combines best of fast-dry and traditional clears.

06 Fast dust-free times help prevent surface defects by air contamination.

07 Helps to increase productivity whether air drying, baking at low temperatures or IR drying.

TECHNICAL DATA SHEET

679S

ULTRA PRODUCTIVE CLEAR

Product preparation - application STANDARD - LS

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

Centari Basecoats: Surfaces must be dried / flashed-off in accordance with TDS before application
Existing finishes: Surfaces must be sanded and degreased before application

M-6152

	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
679S	2	100	2	100	2	100
123S	1	51	-	-	-	-
125S	-	-	1	51	-	-
126S	-	-	-	-	1	51

Pot life at 20°C: 3 hr 30 min

	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	1.8 - 2.2 bar	inlet pressure
HVLP	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions

2 coats

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

	123S	125S	126S
20 °C	4 hr	5 hr	6 hr
60 - 65 °C	20 min	30 min	40 min

Guideline for short wave IR equipment
Half power: 5 min
Full power: 8 - 12 min

VOC compliant

This product mix is not VOC compliant.

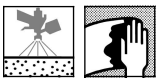
TECHNICAL DATA SHEET

679S

ULTRA PRODUCTIVE CLEAR

Product preparation - application STANDARD HS

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



Centari Basecoats: Surfaces must be dried / flashed-off in accordance with TDS before application
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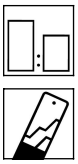


M-6152

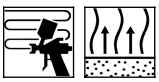
	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
679S	3	100	3	100	3	100
256S	1	35	-	-	-	-
AK260	-	-	1	36	1	36
430R */ AB380 / XB383	0.6	19	-	-	-	-
AB380 / XB383	-	-	0.6	18	-	-
AB385 / XB387 / XB390	-	-	-	-	0.6	19

* 430R is recommended for interiors and spot repair only.

Pot life at 20°C: 4 hr

	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	1.8 - 2.2 bar	inlet pressure
HVLP	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions



2 coats

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

Guideline for short wave IR equipment
Half power: 5 min
Full power: 8 - 12 min

VOC compliant

This product mix is not VOC compliant.

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679S

ULTRA PRODUCTIVE CLEAR

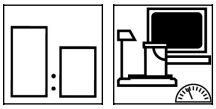
Products

679S Ultra Productive Clear

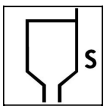
123S Fast Activator
125S Standard Activator
126S Slow Activator
256S Activator Fast
AK260 High Solids Activator

430R Varispeed Thinner
AB380 MS Standard Thinner
AB385 MS HI-Temp Thinner
XB383 Standard Thinner
XB387 HI-Temp Thinner
XB390 Centari® 6000 Very Slow Thinner

Product mix



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

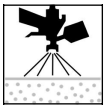


ISO 4: 28 - 37 s at 20°C
DIN 4: 14 - 16 s at 20°C

50 - 60 µm

Theoretical coverage

360 - 370 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.



679S Ultra Productive Clear can be overcoated with itself within 24 hours, without intermediate sanding

Clean after use with a suitable solventbased guncleaner.

TECHNICAL DATA SHEET

679S

ULTRA PRODUCTIVE CLEAR

Remarks

- Material has to be at room temperature (18-25°C) before use.
- Allow additional time for preheating up to panel temperature.
- Surplus ready for use material should not be returned to original can.
- Close can of Activator tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- For Semi-Flexible systems 10% 805R Flexible Additive can be added to the base material. Activator and Thinner ratios remain equal.

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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