

VR-1140

VALUESURFACER VOC



PRODUCT DESCRIPTION

ValueSurfacer VOC VR-1140 (off-white) / VR-1140 (black) is a 2K, VOC-compliant high-solids surfacer that offers Cromax technology at a cost-effective price. It is easy to apply and can be used as a maxi filler or as sanding surfacer.

Economical surfacer
Value for money

FEATURES

- 01** Offers superb filling properties and excellent sagging resistance.
- 02** Very easy to sand.
- 03** Provides easy and versatile application with smooth flow.
- 04** Suitable for tinting with AM Centari MasterTints, up to maximum 10 % by weight.



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

TECHNICAL DATA SHEET

VR-1140



VALUESURFACER VOC

Product preparation - application STANDARD SANDING



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



Steel, galvanised steel or soft aluminium, sanded and cleaned and coated with Wash Primer or Epoxy Primer
Old or original paintwork well sanded and cleaned.
OEM Primer (e-coat), sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Glass fibre polyester substrates, free of release agents, sanded and cleaned.



	VS2	VS3	VS4	VS5	VS6	VS7
VR-1140	100	90	65	35	15	-
VR-1140B	-	10	35	65	85	100

	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
VR-1140 / VR-1140B	6	100	6	100	6	100
VR-1130	1	11	-	-	-	-
VR-1131	-	-	1	11	-	-
VR-1132	-	-	-	-	1	11
VR-1150	0.7	7	0.7	7	0.7	7



Pot life at 20°C: 1 hr - 1 hr 30 min



	Spray nozzle	Spray pressure	
Compliant	1.6 - 1.8	1.8 - 2 bar	inlet pressure
HVLP	1.5 - 1.9	0.7 bar	atomisation pressure

see manufacturer's instructions



2 - 4 coats

intermediate flash-off until matt
final flash-off: 5 min - 10 min



	VR-1130/VR-1150	VR-1131/VR-1150	VR-1132/VR-1150
20 °C	2 hr	2 hr 30 min	3 hr
60 - 65 °C	20 min	25 min	30 min



Guideline for short wave IR equipment
Half power: 3 min
Full power: 10 min



P400 - P600



Cromax Basecoat + Clearcoat
2K Topcoat
Centari Basecoats + Clearcoat

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

VR-1140

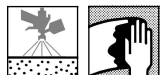


VALUESURFACER VOC

Product preparation - application STANDARD MAXI



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



Steel, galvanised steel or soft aluminium, sanded and cleaned and coated with Wash Primer or Epoxy Primer
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
Old or original paintwork well sanded and cleaned.
Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.
Glass fibre polyester substrates, free of release agents, sanded and cleaned.



	VS2	VS3	VS4	VS5	VS6	VS7
VR-1140	100	90	65	35	15	-
VR-1140B	-	10	35	65	85	100
	Spot & panel repair		Standard		Large surface	
	Volume	Weight	Volume	Weight	Volume	Weight
VR-1140 / VR-1140B	6	100	6	100	6	100
VR-1130	1	11	-	-	-	-
VR-1131	-	-	1	11	-	-
VR-1132	-	-	-	-	1	11



Pot life at 20°C: 30 min - 45 min



	Spray nozzle	Spray pressure	
Compliant	1.6 - 1.9	1.8 - 2 bar	inlet pressure
HVLP	1.5 - 1.9	0.7 bar	atomisation pressure

see manufacturer's instructions



2 - 4 coats

intermediate flash-off until matt: 5 min - 10 min
final flash-off: 5 min - 10 min



	VR-1130	VR-1131	VR-1132
20 °C	12 hr - 16 hr	12 hr - 16 hr	12 hr - 16 hr
60 - 65 °C	20 min - 25 min	25 min - 30 min	30 min - 35 min



Guideline for short wave IR equipment
Half power: 5 min
Full power: 15 - 20 min



P400 - P600



Cromax Basecoat + Clearcoat
2K Topcoat
Centari Basecoats + Clearcoat

VOC compliant

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TECHNICAL DATA SHEET

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VALUESURFACER VOC

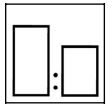
Products

VR-1140 ValueSurfacer VOC
VR-1140 ValueSurfacer VOC Black

VR-1130 ValueActivator Fast
VR-1131 ValueActivator
VR-1132 ValueActivator Slow

VR-1150 ValueThinner

Product mix



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



80 - 200 μm

Theoretical coverage

400 - 410 m^2/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.

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.
- Mix thoroughly by hand before placing the can on mixing machine.
- Surfacer is tintable up to 10% with AM Centari MasterTints. Drying and sanding can be affected.
- For Semi-Flexible systems 10% 805R Flexible Additive can be added to the base material. Activator and Thinner ratios remain equal.
- For Full-Flexible systems the mixing ratios are available in the productmix table on Chromaweb.

TECHNICAL DATA SHEET

VR-1140



VALUESURFACER VOC

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.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.