

Standocryl VOC Performance Pro Clear K9590



The Standocryl VOC Performance Pro Clear K9590 is a versatile clear coat. Thanks to its reliable and easy application as well as its fast, flexible drying, bodyshop throughput can be optimized. This clear deliver high gloss results.

- Easy, convenient and reliable application in two coats with short intermediate flash off.
- Outstanding vertical stability.
- Very good topcoat hold-out and high gloss.
- Fast, flexible drying: 60 °C/15 min or 40 °C/30 min.
- Fast processing. It can be polished and assembled straight after oven-drying and short cooling.
- Suitable for all repairs: from minor damage to full resprays.
- Simple mixing ratio of 2:1 with Standox VOC Performance Hardener 15-30 + 10 % Standocryl VOC 2K Performance Additive 5870.
- Includes a slow hardener and slow additive for hot & humid conditions.

Easy-to-apply, fast-drying VOC clear for excellent results.



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Product preparation - application STANDARD - VOC



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



Standoblue Basecoat / Standohyd Plus Basecoat: Surfaces must be dried / flashed-off in accordance with TDS before application

Existing finishes: Surfaces must be sanded and degreased before application



Clearcoat		Hardener		Additive	
Volume	Weight	Volume	Weight	Volume	Weight
2	100	1	52	10%	13
K9590		VOC PH 15-30		5870	
2	100	1	51	10%	14
K9590		VOC PH 30-40*		5880*	

*At temperatures above 35°C it is recommended to use Standox VOC Performance Hardener 30-40 and Standocryl VOC 2K Performance Additive Slow 5880.

Pot life at 20°C: 1 hr 30 min - 2 hr



	Spray nozzle	Spray pressure	
HVLP	1.2 - 1.3	0.7 bar	atomisation pressure
Compliant	1.2 - 1.3	1.8 - 2 bar	inlet pressure
see manufacturer's instructions			



2 coats
intermediate and final flash-off: 2 min - 5 min
Flash-off time prior to IR drying: 5 min



	VOC PH 15-30 / VOC PH 30-40
18 - 22 °C	12 hr - 16 hr
40 - 45 °C	30 min - 35 min
60 - 65 °C	15 min - 20 min



Guideline for short wave IR equipment

Half power: 2 min

Full power: 8 min

VOC compliant

2004/42/IIB(c)(420) 420: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 420 g/l of VOC. The VOC content of this product in ready to use form is maximum 420 g/l.

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Products

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Standex VOC Performance Hardener 15-30

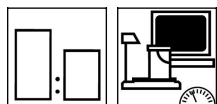
Standex VOC Performance Hardener 30-40

Standocryl VOC 2K Performance Additive 5870

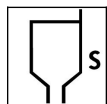
Standocryl VOC 2K Performance Additive Slow 5880

Standex Performance Blend 5730

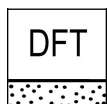
Product mix



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



DIN 4: 14 - 16 s at 20°C



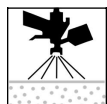
50 - 60 µm

Theoretical coverage

500 - 505 m²/l at 1 micron dry film thickness

Due to different hardener 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.



Standocryl VOC Performance Pro Clear K9590 can be overcoated with itself within 24 hours, without intermediate sanding



Clean after use with a suitable solventbased guncleaner.

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Remarks

- This clearcoat is designed for productive drying at 40°C and 60°C.
 - Fade out repairs require the use of a specific blending thinner: Standox Performance Blend 5730. Refer to the original TDS of the selected quality.
 - Material has to be at room temperature (18-25°C) before use.
 - Surplus ready for use material should not be returned to original can.
 - Close can of hardener tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
 - Matting of Standocryl VOC Performance Pro Clear K9590 is not possible.
 - For plastic and flexible substrates, the addition of Standox Plasticiser 5660 is not necessary with this Clearcoat. Preparation using elasticised filler is still mandatory, see relevant filler TDS for details.
 - Allow additional time for preheating up to panel temperature.
 - In countries without VOC legislation Standox Basecoat can be used as well.
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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 Standox 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 Standox 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.

