

Standocryl VOC Xtreme Clear K9580



Standocryl VOC Xtreme Clear K9580 defines a new clearcoat era through the use of the latest innovative, Axalta Coating Systems binder technology, which uses the humidity in the drying process. Its energy-saving and super-fast drying properties distinguish this clearcoat from the rest. The application can be performed in one visit application and the clearcoat delivers outstanding gloss and flow. Maximum efficiency coupled with optimum topcoat appearance.

- Spectacular topcoat holdout.
- Extremely short drying times at low oven temperatures (15 mins at 40 °C).
- Dries extremely quickly at ambient temperatures (45 - 60 min at 20°C).
- Excellent for application in a single spray process (One Visit Application).
- Energy-saving thanks to extremely short drying times.
- Special Standox Xtreme Hardeners available for oven or ambient air drying.
- VOC compliant.

Super fast.

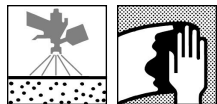


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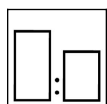
Product preparation - application STANDARD



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



Activated Standoblue Basecoat / Activated 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



Clear		Hardener	
Volume	Weight	Volume	Weight
2	100	1	50
K9580		4570 (XTREME HARDENER FAST) *** 4580 (XTREME HARDENER) ** 4590 (XTREME HARDENER SLOW) *	

* Basecoat must be activated, change to a faster setting, if drying is too slow - when weather is dry.

** Basecoat must be activated, change to a slower setting, if there is a risk of defects - when weather is humid, change to a faster setting, if drying is too slow - when weather is dry.

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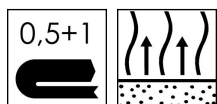


Pot life at 20°C: 1 hr



	Spray nozzle	Spray pressure	
Compliant	1.2 - 1.3	1.8 - 2 bar	inlet pressure
HVLP	1.2 - 1.3	0.7 bar	atomisation pressure

see manufacturer's instructions



0.5 + 1
1 operation
1st: thin and closed
2nd: normal
final flash-off: 5 min - 10 min



For drying options, see details page.

VOC compliant

2004/42/IIB(d)(420) 420: The EU limit value for this product (product category: IIB(d)) 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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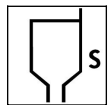
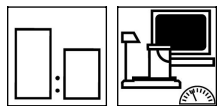
Products

Standocryl VOC Xtreme Clear K9580

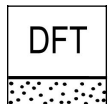
Standox Xtreme Hardener 4580
Standox Xtreme Hardener Fast 4570
Standox Xtreme Hardener Slow 4590

Product mix

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



DIN 4: 13 - 15 s at 20°C

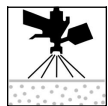


45 - 55 µm



Outside temperature			
	< 20°C	20 - 30°C	> 30°C
Air dry (not below 10°C) 40-60 min / 20°C	Standox Xtreme Hardener fast 4570	Standox Xtreme Hardener 4580	Standox Xtreme Hardener slow 4590
Bake 10-15 min / 40-45°C	Standox Xtreme Hardener 4580	Standox Xtreme Hardener 4580	Standox Xtreme Hardener slow 4590
Optional: Bake 5-10 min / 60-65°C	Standox Xtreme Hardener 4580	Standox Xtreme Hardener slow 4590	

Change to a slower setting, if there is a risk of defects - when the weather is humid.
Change to a faster setting, if drying is too slow - when weather is dry.



Standocryl VOC Xtreme Clear K9580 can be overcoated with itself within 24 hours, without intermediate sanding



Clean after use with a suitable solventbased guncleaner.

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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.
 - Humidity has an accelerating influence on the drying performance and potlife.
 - Once a can of clear or hardener has been opened, it is recommended to use the material within 1 month.
 - Close can of clear and hardener tightly immediately after use, as both products will react with humid air and water and lose their hardening effect.
 - Application only with Standox Xtreme Hardeners 4570 / 4580 / 4590 / 4595.
 - Polishing: Prepare with finest available abrasive paper.
 - In countries without VOC legislation Hardened Standox Basecoat can be used as well.
 - 20% Standox Hardener MS + 30% Standox MSB Thinner.
 - 15% Standox Hardener HS + 40% Standox MSB Thinner.
 - 10% Standox Hardener VOC + 45% Standox MSB Thinner.
 - Do not use Standocryl VOC Xtreme Clear K9580 with Standox Plasticiser 5660 or Standox Special Matt 5630 or Standox Clearcoat Additives.
 - Standohyd Plus Basecoat has to be activated with 5% Standohyd Plus Special Additive 8050 directly before applying.
 - Standoblue Color Blend 8570 / 8580 needs to be activated with 5% Standoblue Hardener 8550 directly before applying.
 - Standoblue Basecoat has to be activated with 5% Standoblue Hardener 8550 directly before applying.
 - Standohyd Plus Color Blend 8070 needs to be activated with 5% Standohyd Plus Special Additive 8050 directly before applying.
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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.

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