

Standocryl 2K Classic Pro K9070



A world of new possibilities

Standocryl 2K Classic Pro Clear K9070 gives you both high productivity and an excellent finish. It also saves energy by giving you different drying options. This versatile new clearcoat delivers quality, performance and is simple to apply.

- Excellent appearance – whatever the conditions
- High productivity with diverse fast drying options: 15' @60 °C bake, 30' @40 °C bake, 2-3 hour air drying time
- Suitable for both solvent-borne and waterborne basecoats
- Free choice of existing hardeners and thinners
- Suitable for all types of repairs: from spot and panel to overall repairs

A high speed clearcoat with a stellar finish.



The Art of Refinishing.

Standocryl 2K Classic Pro K9070

Product preparation - application STANDARD - VOC



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



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



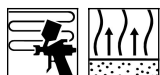
Clear		Hardener		Thinner	
Volume	Weight	Volume	Weight	Volume	Weight
4	100	1	27	15 %	18
K9070		VOC 10-20 VOC 20-25 VOC 25-30 VOC 30-40		2K 20-25 2K 25-35 VOC T 15-30 VOC T 30-40	



Pot life at 20°C: 1 hr 30 min - 2 hr



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



2 coats
with intermediate flash-off: 2 min - 5 min
final flash-off: 2 min - 5 min



	VOC 10-20 / VOC 20-25 / VOC 25-30 / VOC 30-40
18 - 22 °C	2 hr - 3 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 - 10 min

VOC compliant

This product mix is not VOC compliant.

Standocryl 2K Classic Pro K9070

Product preparation - application STANDARD - HS



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



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



Clear		Hardener		Thinner	
Volume	Weight	Volume	Weight	Volume	Weight
3	100	1	34	10 %	13
K9070		HS 5-15 HS 15-25 HS 20-30 HS 25-40		2K 20-25 2K 25-35 VOC T 15-30 VOC T 30-40	



Pot life at 20°C: 1 hr 30 min - 2 hr



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



2 coats
with intermediate flash-off: 2 min - 5 min
final flash-off: 2 min - 5 min



	HS5-15 / HS15-25 / HS20-30 / HS25-40
18 - 22 °C	2 hr - 3 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 - 10 min

VOC compliant

This product mix is not VOC compliant.

Standocryl 2K Classic Pro K9070

Product preparation - application STANDARD - MS



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



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



Clear		Hardener	
Volume	Weight	Volume	Weight
2	100	1	50
K9070		MS X 5-25 MS X 15-30 EASY MS 20-30 MS 25-40	



Pot life at 20°C: 1 hr 30 min - 2 hr



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



2 coats
with intermediate flash-off: 2 min - 5 min
final flash-off: 2 min - 5 min



	MSX5-25 / MSX15-30/Easy MS 20-30/MS25-40
18 - 22 °C	2 hr - 3 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 - 10 min

VOC compliant

This product mix is not VOC compliant.

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Products

Standocryl 2K Classic Pro Clear K9070

Standox Hardener VOC 10-20

Standox Hardener VOC 20-25

Standox Hardener VOC 25-30

Standox Hardener VOC 30-40

Standox Hardener HS 5-15

Standox Hardener HS 15-25

Standox Hardener HS 20-30

Standox Hardener HS 25-40

Standox Hardener Easy MS 20-30

Standox Hardener MS X 5-25

Standox Hardener MS X 15-30

Standox Hardener MS 25-40

Standox Thinner 2K 20-25

Standox Thinner 2K 25-35

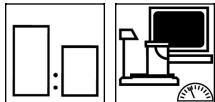
Standox Thinner VOC 15-30

Standox Thinner VOC 30-40

Standox Performance Blend 5730

Standocryl 2K Classic Pro K9070

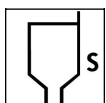
Product mix



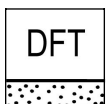
Mixing ratios with special agents are available in the productmix table on Standowin IQ and in the specific TDS.

The choice of hardener and Thinner should be made according to application temperature and size of repair.

VOC 10-20	Accelerated fast hardener suitable for Micro Repair, spot and panel repairs. Recommended for cooler application conditions e.g. 10-20°C.
VOC 20-25	Medium hardener for panel and multi panel repairs. Providing excellent through curing and recommended at temperature range of 20-25°C.
VOC 25-30	Medium-slow hardener suitable for medium to large size repairs. Recommended also for warm conditions e.g. 25-30°C.
VOC 30-40	Non-accelerated slow hardener suitable for medium to large size repairs. Recommended for use in hot climates e.g. 25-40°C.
HS 5-15	Accelerated fast hardener suitable for Micro and Spot repairs. Recommended for cooler application conditions. Suitable for Stadox Fillers for air drying at lower temperatures.
HS 15-25	Medium hardener suitable for panel and multi panel repairs. Recommended for application temperature of 15-25°C.
HS 20-30	Medium-slow hardener suitable for medium to large size repairs. Recommended also for warm conditions e.g. 20-30°C.
HS 25-40	Non-accelerated slow hardener suitable for medium to large size repairs. Recommended for use in hot climates e.g. 25-40°C.
MS X 5-25	Fast hardener suitable for Micro Repair, Spot and panel repairs. Recommended for application temperature up to 25°C.
MS X 15-30	Medium hardener suitable for panel and multi panel repairs. Recommended also for warm conditions up to 30°C.
Easy MS 20-30	Medium hardener suitable for panel and multi panel repairs. Providing excellent through curing and mainly to be used at temperature range of 20-30°C.
MS 25-40	Non-accelerated slow hardener suitable for medium to large size repairs. Recommended for use in hot climates e.g. 25-40°C.
VOC T 15-30	Medium thinner suitable for panel, multi panel and large size repairs. Recommended for application temperature e.g. 15-30°C.
VOC T 30-40	Slow thinner for medium to large size repairs. Recommended for use in hot climates e.g. 30-40°C.
2K 20-25	Medium thinner suitable for panel and multi panel repairs. Recommended for application temperature of 20-25°C.
2K 25-35	Medium-slow thinner suitable for medium to large size repairs. Recommended also for warm conditions e.g. 25-35°C.



DIN 4: 14 - 16 s at 20°C



50 - 65 µm

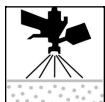
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Theoretical coverage

395 - 400 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 2K Classic Pro Clear K9070 can be overcoated with itself within 24 hours, without intermediate sanding



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.
- Close can of Activator tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- Fade out repairs require the use of a specific blending thinner. Please use Standox Performance Blend 5730. For more detailed process information, please refer to the technical data sheet of Standox Performance Blend 5730.
- 15% Standox Plasticiser 5660 can be added to the Clearcoat. Hardener and thinner ratios are unchanged.

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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