

# Standocryl 2K Crystal Pro Clear K9040



**Standocryl 2K Crystal Pro Clear K9040 is a highly reactive, 2K clearcoat for spot, partial and full repairs.**

- Short drying times.
- Accelerated oven-curing possible.
- Very good polishability.
- Outstanding topcoat holdout.
- Particularly user-friendly application.



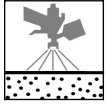
**The Art of Refinishing.**

# Standocryl 2K Crystal Pro Clear K9040

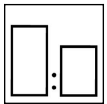
## Product preparation - application STANDARD - HS



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  
Existing finishes: Surfaces must be sanded and degreased before application



Clear		Hardener		Thinner	
Volume	Weight	Volume	Weight	Volume	Weight
3	100	1	35	9 - 10 %	11 - 12
K9040		HS 5-15 HS 15-25 HS 20-30 HS 25-40		2K 10-20 2K 15-25 2K 20-25 2K 25-35 2K 35-40	



Pot life at 20°C: 1 hr - 1 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



	HS5-15 / HS15-25 / HS20-30 / HS25-40
20 °C	12 hr - 16 hr
60 - 65 °C	15 min - 25 min



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

VOC compliant

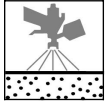
This product mix is not VOC compliant.

# Standocryl 2K Crystal Pro Clear K9040

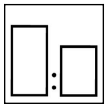
## Product preparation - application STANDARD - MS



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  
Existing finishes: Surfaces must be sanded and degreased before application



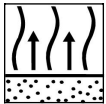
Clear		Hardener	
Volume	Weight	Volume	Weight
2	100	1	52
K9040		MS 5-15 MS X 5-25 MS X 15-30 MS 25-40	



Pot life at 20°C: 1 hr - 1 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



	MS5-15 / MSX5-25 / MSX15-30 / MS25-40
20 °C	12 hr - 16 hr
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Guideline for short wave IR equipment  
Half power: 5 min  
Full power: 8 - 12 min

VOC compliant

This product mix is not VOC compliant.

# Standocryl 2K Crystal Pro Clear K9040

## Products

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Standocryl 2K Crystal Pro Clear K9040

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Stadox Hardener HS 15-25  
Stadox Hardener HS 20-30  
Stadox Hardener HS 25-40  
Stadox Hardener HS 5-15  
Stadox Hardener MS 25-40  
Stadox Hardener MS 5-15  
Stadox Hardener MS X 15-30  
Stadox Hardener MS X 5-25

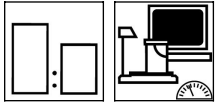
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Stadox Thinner 2K 10-20  
Stadox Thinner 2K 15-25  
Stadox Thinner 2K 20-25  
Stadox Thinner 2K 25-35  
Stadox Thinner 2K 35-40

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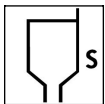
# Standocryl 2K Crystal Pro Clear K9040

## 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.

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 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.
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.
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.
2K 10-20	Accelerated fast thinner suitable for Micro Repair, spot and panel repairs. Recommended for cooler application conditions e.g. 10-20°C.
2K 15-25	Fast thinner suitable for Micro Repair, Spot and panel repairs. Recommended for temperature of 15-25°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.
2K 35-40	Slow thinner suitable for medium to large size repairs. Recommended for use in hot climates e.g. 35-40°C.



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

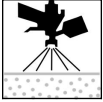


50 - 60 µm

### Theoretical coverage

360 - 370 m<sup>2</sup>/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 Crystal Pro Clear K9040



Standocryl 2K Crystal Pro Clear K9040 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 hardener tightly immediately after use, as this product will react with humid air and water and lose its hardening effect.
- 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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