

S5000

HS TOP CLEAR

SYROX™

DESCRIPTION

S5000 HS Top Clear is part of the compact Syrox refinish system. Its high-solids formulation delivers a great appearance. It offers users flexibility: it can be applied in two full coats with an intermediate flash-off, or for faster application, half a coat followed by a full coat.

SYROX REFINISH SYSTEM



PRODUCT LIST

- S5000 HS TOP CLEAR
- S6000 HS ACTIVATOR SLOW
- S6010 HS ACTIVATOR STANDARD
- S6020 HS ACTIVATOR FAST
- S6030 HS ACTIVATOR VERY FAST
- S8100 BLENDING THINNER

FEATURES

- 2:1 mixing ratio.
- No thinner or additives required.
- VOC below 420g/l.
- Good vertical stability.



TECHNICAL DATA SHEET

S5000

HS TOP CLEAR



Product preparation - application STANDARD



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



Syrox Basecoat: Surfaces must be dried / flashed-off in accordance with TDS before application
Existing finishes: Surfaces must be sanded and precleaned before application



	Standard		Fast		Slow		Very fast	
	Volume	Weight	Volume	Weight	Volume	Weight	Volume	Weight
S5000	2	100	2	100	2	100	2	100
S6000	-	-	-	-	1	51	-	-
S6010	1	51	-	-	-	-	-	-
S6020	-	-	1	51	-	-	-	-
S6030	-	-	-	-	-	-	1	52



Pot life at 20°C: 1 hr - 2 hr



	Spray nozzle	Spray pressure	
Compliant	1.3 - 1.4	2 bar	inlet pressure
HVLP	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions



0.5 + 1
1 operation
1st: thin and closed
2nd: normal

without intermediate flash-off
final flash-off: 5 min - 10 min at 20°C

or

2 coats
1st: thin and closed
2nd: normal

with intermediate flash-off: 5 min - 10 min at 20°C
final flash-off: 5 min - 10 min at 20°C



	S6000 / S6010 / S6020 / S6030
20 °C	12 hr - 16 hr
60 - 65 °C	25 min - 35 min



Guideline for short wave IR equipment
Half power: 5 min
Full power: 10 - 15 min

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

S5000 HS TOP CLEAR

S6000 HS ACTIVATOR SLOW

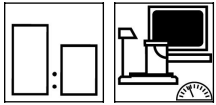
S6010 HS ACTIVATOR STANDARD

S6020 HS ACTIVATOR FAST

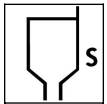
S6030 HS ACTIVATOR VERY FAST

S8100 BLENDING THINNER

Product mix



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



ISO 4: 45 - 57 s at 20°C

DIN 4: 18 - 21 s at 20°C



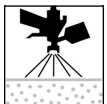
50 - 60 µm

Theoretical coverage

485 - 490 m²/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.



S5000 HS TOP CLEAR 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.
- Elastification:
 - Add 10 % S7000 Flexible Additive to S5000, then mix 2:1 with HS Activator.
 - Flash-off times could be affected. For spot repair & blending use S8100 BLENDING THINNER.
- DFT = 50 - 70µm when applied in 2 coats.

TECHNICAL DATA SHEET

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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 Syrox 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 Syrox product range, unless explicitly indicated otherwise.

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