

# S3110 / S3140 / S3170

## SANDING SURFACER PLUS WHITE / GREY / BLACK

# SYROX™

### DESCRIPTION

With its high solids content and great sanding properties, the Syrox Surfacer Plus has been formulated for use before Syrox Basecoat. It comes in three colours White S3110, Grey S3140 and Black S3170 which can be mixed to any shade for optimal Basecoat performance. When used with Syrox S3080 Non-Sanding Converter, Syrox Surfacer Plus can be used as non-sanding surfacer. By adding Syrox Surfacer Additive Fast S7300 air-drying times can be shortened for spot and part-panel repairs only.

### SYROX REFINISH SYSTEM



### PRODUCT LIST

- S3110 SANDING SURFACER PLUS WHITE
- S3140 SANDING SURFACER PLUS GREY
- S3170 SANDING SURFACER PLUS BLACK
- S6000 HS ACTIVATOR SLOW
- S6010 HS ACTIVATOR STANDARD
- S6020 HS ACTIVATOR FAST
- S6030 HS ACTIVATOR VERY FAST
- S3080 NON SANDING CONVERTER
- S7300 SURFACER ADDITIVE FAST
- S8000 THINNER



### FEATURES

- Available in three colours White / Grey / Black
- 5 designated shades for improved basecoat performance
- Convertible to a non-sanding version
- Easy mixing ratios & excellent topcoat hold out
- Fast drying times for spot repairs

# TECHNICAL DATA SHEET

S3110 / S3140 / S3170

SANDING SURFACER PLUS

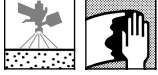
WHITE / GREY / BLACK



## Product preparation - application STANDARD SANDING



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



Steel, galvanized steel or soft aluminium, sanded and cleaned and coated with S2000 1K Wash Primer.

Old or original paintwork well sanded and cleaned.

OEM Primer (e-coat), sanded and cleaned.

Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.

Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.



	Very fast		Fast		Standard		Slow	
	Volume	Weight	Volume	Weight	Volume	Weight	Volume	Weight
<b>S31X0</b>	5	100	5	100	5	100	5	100
<b>S6000</b>	-	-	-	-	-	-	1	14
<b>S6010</b>	-	-	-	-	1	14	-	-
<b>S6020</b>	-	-	1	14	-	-	-	-
<b>S6030</b>	1	14	-	-	-	-	-	-
<b>S8000</b>	0 - 15 %	0 - 10	0 - 15 %	0 - 10	0 - 15 %	0 - 10	0 - 15 %	0 - 10

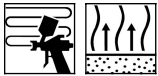


Pot life at 20°C: 45 min - 1 hr 30 min



	Spray nozzle	Spray pressure	
<b>Compliant</b>	1.6 - 1.9	1.5 - 2 bar	inlet pressure
<b>HVLP</b>	1.6 - 1.9	0.7 bar	atomisation pressure

see manufacturer's instructions



1 - 3 coats

with intermediate and final flash-off until flat



	S6000 / S6010 / S6020 / S6030
<b>20 °C</b>	4 hr
<b>60 - 65 °C</b>	20 min - 30 min



P360 - P500  
P800 - P1000



Basecoat + Clearcoat

VOC compliant

2004/42/IIB(c)(540) 540: The EU limit value for this product (product category: IIB(c)) in ready to use form is maximum 540 g/l of VOC. The VOC content of this product in ready to use form is maximum 540 g/l.

# TECHNICAL DATA SHEET

## S3110 / S3140 / S3170

## SANDING SURFACER PLUS

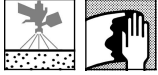
## WHITE / GREY / BLACK



### Product preparation - application STANDARD ACCELERATED SANDING



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



Steel, galvanized steel or soft aluminium, sanded and cleaned and coated with S2000 1K Wash Primer.

Old or original paintwork well sanded and cleaned.

OEM Primer (e-coat), sanded and cleaned.

Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.

Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.



#### Spot and panel repair

	Volume	Weight
<b>S31X0</b>	5	100
<b>S6020 / S6030 *</b>	1	14
<b>S7300</b>	10 - 15 %	7 - 11

\* Potlife: Use immediately



Pot life at 20°C: 10 min



#### Spray nozzle

#### Spray pressure

	Spray nozzle	Spray pressure	
<b>Compliant</b>	1.6 - 1.9	1.5 - 2 bar	inlet pressure
<b>HVLP</b>	1.6 - 1.9	0.7 bar	atomisation pressure

see manufacturer's instructions



1 - 3 coats

with intermediate and final flash-off until flat



#### S6020 / S6030

20 °C

2 hr - 3 hr



P360 - P500  
P800 - P1000



Basecoat + Clearcoat

VOC compliant

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## S3110 / S3140 / S3170

## SANDING SURFACER PLUS

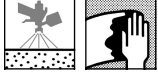
## WHITE / GREY / BLACK



### Product preparation - application STANDARD NON-SANDING



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



Steel, galvanized steel or soft aluminium, sanded and cleaned and coated with S2000 1K Wash Primer.

Old or original paintwork well sanded and cleaned.

OEM Primer (e-coat), sanded and cleaned.

Surfaces pretreated with 2K polyester products and then finely sanded and cleaned.

Glass fibre reinforced polyester substrates, free of release agents, sanded and cleaned.



	Standard		Slow	
	Volume	Weight	Volume	Weight
<b>S31X0</b>	3	100	3	100
<b>S6000</b>	-	-	1	23
<b>S6010 / S6020</b>	1	23	-	-
<b>S3080</b>	45 %	37	45 %	37



Pot life at 20°C: 1 hr



	Spray nozzle	Spray pressure	
	<b>Compliant</b>	1.3 - 1.4	1.8 - 2 bar
<b>HVLP</b>	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions



1 coat

final flash-off: 30 min - 8 hr Syrox Basecoat: 30 min - 8hrs.



Basecoat + Clearcoat

VOC compliant

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# TECHNICAL DATA SHEET

## S3110 / S3140 / S3170

## SANDING SURFACER PLUS

## WHITE / GREY / BLACK



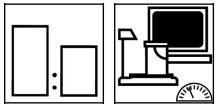
### Products

S3110 SANDING SURFACER PLUS WHITE  
S3140 SANDING SURFACER PLUS GREY  
S3170 SANDING SURFACER PLUS BLACK

S6000 HS ACTIVATOR SLOW  
S6010 HS ACTIVATOR STANDARD  
S6020 HS ACTIVATOR FAST  
S6030 HS ACTIVATOR VERY FAST

S3080 NON SANDING CONVERTER  
S7300 SURFACER ADDITIVE FAST  
S8000 THINNER

### Product mix



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



60 - 80 µm per coat (sanding surfacer)  
20 - 30 µm non-sanding

### Theoretical coverage

380 - 460 m<sup>2</sup>/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.



Clean after use with a suitable solventbased guncleaner.

### Remarks

- Material has to be at room temperature (18-25°C) before use.
- Mix thoroughly by hand before placing the can on mixing machine.
- Allow additional time for preheating up to panel temperature.
- When isolating certain spots - even on problem substrates - the best results are achieved with a medium film thickness of 80-120µm in 2 coats, after either air drying overnight or force drying/IR drying. With problem substrates, careful pretreatment is necessary and the Surfacers must be applied to the entire area.
- For dry film thicknesses of more than 150 micron air dry overnight at 20°C or 40 minutes at 60-65°C.
- Surplus ready for use material should not be returned to original can.
- Elastification:  
Add 10 % S7000 Flexible Additive to S31x0, then mix 4:1 with HS Activator and 10-15% S8000.

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	White	Light Grey	Grey	Dark Grey	Black
S3110	100	72.5	-	-	-
S3140	-	27.5	100	60	-
S3170	-	-	-	40	100

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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