

# S5100

## AIR DRY CLEAR SCRATCH RESISTANT

# SYROX<sup>TM</sup>

### DESCRIPTION

S5100 Air Dry Clear from the compact Syrox refinish system is simplicity itself. It's formulated to repair scratch-resistant paintwork and is ideal for small and medium repairs - from one to four panels. It's versatile enough to be used for spot repairs when mixed with S8100 Blending Thinner.

### SYROX REFINISH SYSTEM



### PRODUCT LIST

- S5100 AIR DRY CLEAR SCRATCH RESISTANT
- S6000 HS ACTIVATOR SLOW
- S6010 HS ACTIVATOR STANDARD
- S8100 BLENDING THINNER

### FEATURES

- No baking required; reduced energy costs.
- Ready to polish in under an hour.
- Easy mixing ratio 2:1, with no thinner or additives required.
- Good vertical stability.



TECHNICAL DATA SHEET

S5100

AIR DRY CLEAR

SCRATCH RESISTANT



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			Slow	
	Volume	Weight	Volume	Weight
S5100	2	100	2	100
S6000	-	-	1	54
S6010	1	54	-	-



at 20°C: 1 hr - 1 hr 30 min



Spray nozzle		Spray pressure	
Compliant	1.3 - 1.4	1.5 - 1.8 bar	inlet pressure
HVLP	1.3 - 1.4	0.7 bar	atomisation pressure

see manufacturer's instructions



2 coats

without intermediate flash-off



For drying options, see details page.



- Ready to polish between >20 min – 2h after drying (depending on drying temperature)
  - Ready to polish after spot repair with S8100 Blending Thinner.
- For drying options, see details page.

VOC compliant

2004/42/e(840) 596: The EU limit value for this product (product category: e) in ready to use form is maximum 840 g/l of VOC. The VOC content of this product in ready to use form is maximum 596 g/l.

TECHNICAL DATA SHEET

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SCRATCH RESISTANT



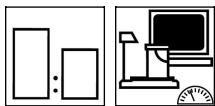
Products

S5100 AIR DRY CLEAR SCRATCH RESISTANT

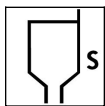
S6000 HS ACTIVATOR SLOW  
S6010 HS ACTIVATOR STANDARD

S8100 BLENDING THINNER

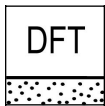
Product mix



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



ISO 5: 8 - 10 s at 20°C  
DIN 4: 11 - 13 s at 20°C



45 - 55 µm (2 coats)

Theoretical coverage

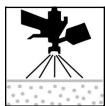
305 - 340 m²/l at 1 micron dry film thickness  
Due to different Activator characteristics and different mixing ratios of the ready-to-use mixture in some TDS versions, the theoretical coverage calculation may vary.  
Note: The practical material consumption depends on several factors, e.g. geometry of the object, surface formation, application method, spray gun setting, inlet pressure, etc.



DRY TO HANDLE				
	10°C	20°C	30°C	40°C
S6010	55 - 60 min	40 - 50 min	25 - 40 min	15 - 20 min
S6000	-	60 min	50 min	20 - 25 min

For a spot repair application with S8100 Blending Thinner, the following drying process is recommended:

- Option 1:
  - Step 1: Allow 60 min air dry at 20°C.
  - Step 2: Dry with I.R. short wave for 4 min. (50% power) + 8 min. (100% power).
- Option 2: Air dry overnight.



S5100 AIR DRY CLEAR SCRATCH RESISTANT can be overcoated with itself within 24 hours, without intermediate sanding

# TECHNICAL DATA SHEET

## S5100

### AIR DRY CLEAR SCRATCH RESISTANT



Clean after use with a suitable solventbased cleaning thinner.

#### Remarks

- Material has to be at room temperature (18-25°C) before use.
- Surplus ready for use material should not be returned to original can.
- Close can of clear and activator tightly immediately after use, as both products will react with humid air and water and lose their hardening effect.
- Elastification is not necessary. For Spot repair and blending use S8100 BLENDING THINNER.

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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