

# S5100

## AIR DRY CLEAR SCRATCH RESISTANT



### 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
- 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

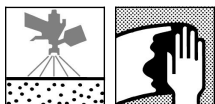
### AIR DRY CLEAR SCRATCH RESISTANT



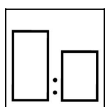
#### Product preparation - application STANDARD



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		
	Volume	Weight
<b>S5100</b>	2	100
<b>S6010</b>	1	54

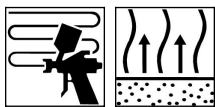


at 20°C: 1 hr 30 min - 2 hr



	Spray nozzle	Spray pressure	
<b>Compliant</b>	1.3 - 1.4	1.5 - 1.8 bar	inlet pressure
<b>HVLP</b>	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

## S5100

### AIR DRY CLEAR SCRATCH RESISTANT



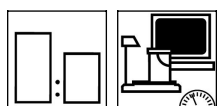
#### Products

S5100 AIR DRY CLEAR SCRATCH RESISTANT

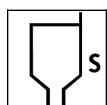
S6010 HS ACTIVATOR STANDARD

S8100 BLENDING THINNER

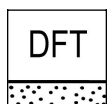
#### Product mix



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
<b>S6010</b>	55 - 60 min	40 - 50 min	25 - 40 min

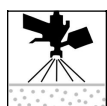
For a spot repair application with S8100 Blending Thinner, the following drying process is recommended:

- 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



Clean after use with a suitable solventbased cleaning thinner.

# TECHNICAL DATA SHEET

## S5100

### AIR DRY CLEAR SCRATCH RESISTANT



#### 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.

For professional use only! The information provided in this documentation has been carefully selected and arranged by us. It is based upon our best knowledge on the subject at the date of issuance. The Information is given for information purposes only. We are not liable for its correctness, accuracy and completeness. It is up to the user to check the information with regard to up-to-dateness and suitability for his intended purpose. The intellectual property in this Information, including patents, trademarks and copyrights, is protected. All rights reserved. The relevant Material Safety Data Sheet and Warnings displayed on the product label need to be observed. We may modify and/ or discontinue operation of all or portions of this Information at any time in our sole discretion, without notice and assume no responsibility to update the Information. All rules set forth in this clause shall apply accordingly for any future changes and amendments.