

# silco®

Technical data sheet

2024-40

## 9130 X13 Spectrum

### Product description

Fast drying UHS clear coat characterized by its short drying time, high gloss, long-lasting gloss retention and perfect levelling.



#### Features and benefits

- very easy application with excellent leveling,
- drying time (60 °C/140 °F): 10 – 15 min,
- drying time (20 °C/68 °F): 3 – 4 hours,
- long pot life (>60 min),
- brilliant and long-lasting gloss,
- high durability and resistance to yellowing,
- compliant with VOC 420,
- hardener 9122/9123/9125/9127 (vol. 2:1);

### Substrate preparation

Base coat should be fully dry, in depth. The product was tested on water based basecoat.

### Mixing ratio

2 : 1		By volume	By weight
	9130 X13 Spectrum	2	2
9123/9125/9127 UHS Hardener	1	1	
7050/7070 Acrylic Thinner	5 - 15 % <sup>(1)</sup>	5 - 15 % (1)	

(1) In case of using more than 5% of thinner, the mixture is not VOC compliant.

### Spray gun setup



Nozzle:	1,2 - 1,4 mm
Pressure (upper cup):	2 - 2,2 bar
Pressure (suction cup)	Verify manufacturers' info

### Application



Number of layers	1,5 - 2
Flash-off between layers	5 - 10 min
Flash-off before baking	5 min
Dry film thickness [microns]	50 - 60
Ready to spray viscosity DIN4 [20°C]	17 - 18 s

Important - Not respecting the prescribed flash-off times between the layers can result in unsatisfactory end results of the clear coat.

## Drying time

Hardener	9122	9123	9125	9127
Hardener speed	Extra fast		Standard	Slow
Dust dry (20°C)	20 min	30	30	35
Dry to polish (60°C)	10 min	10 - 15 min	15 min	15 - 20 n
Dry to polish (20°C)	2 - 3 h	3 h	3 - 4 h	5 - 6 h
IR drying	7 min	10 min	10 - 15 min	15 min
Potlife (20°C)	60 - 80 min			

## Choosing the right hardener

Choosing the right hardener according to the temperature and job size

Temperature	15 - 20°C	15 - 20°C	20 - 30°C	> 30°C
Hardener speed	9122 Extra fast	9123 Fast	9125 Standard	9127 Slo
Substrate size/Job size	small	small and medium	all sizes	all sizes

Application temperatures below 15 °C/59 °F can result in more difficult application and less overspray absorption. It is strongly recommended that the clear coat is applied at a temperature higher than 15 °C/59 °F.

## Complementary products

9122/9123/9125/9127 2K Hardeners

7050/7070 Acrylic Thinner

## Material testing

Any kind of testing of the applied material (adhesion test, stone-chip test, chemical resistance, salt chamber test...) has to be done at least 15 days after the application.

## Packaging

Product number	Description	Volume/Size	Pcs per box
9130-1	/	1 L	6
9130-5	/	5 L	3

## Volatile organic compounds

2004/42/IIIB(d)(420) 420 g/L RFU

## Physical properties

Density / weight: 1-1.04 kg/L

## Shelf life

Min. 24 months from the production date under normal storage conditions and unopened can.

## Additional information

FOR PROFESSIONAL USE ONLY!

Always read the instructions.

IMPORTANT: This product contains hazardous substances at work so it is necessary to always use/wear appropriate protective equipment. For further instructions, check the label on the product and safety data sheet. A person who uses the product for any purpose other than recommended in this technical data sheet, acts at his own risk. It is the user's responsibility to take all necessary steps to fulfil the local legislation. Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the general public.

Information and methods described are based on the best information and practices known to us and serve merely as guidelines for optimal use, without liability to performance, results or fitness for any intended use. We do not accept any responsibility for the behaviour of the product or damage arising from the use of the product. Before using the product, the user must check if this is the latest version.

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## Video

