

9100 X10 System Clear

UHS 420 Wide Range Clear Coat



Description

Versatile, acrylic UHS clear coat for professional refinish repair. A wide range of hardeners and thinners allows all kind of repairs, regardless of the complexity of the conditions and not at the expense of affecting superior gloss appearance. X10 System Clear is characterized by ease of application, superior gloss retention and UV resistance. Polishing is possible immediately after cooling. X10 clear coat is a true "all-rounder"!

Features & Benefits

- fast to medium speed clear coat,
- possibility to choose from 4 hardener speeds and 3 thinner speeds,
- mixing ratio 2:1
- immediate polishing after cooling down or next day in case of air drying,
- very easy application, excellent overflow,
- for complete respray or spot repair,
- superior gloss retention and UV protection,
- quick drying, 20 - 30 min (60 °C/140 °F),
- VOC compliant (<420 g/L),
- hardener (vol. 2:1; 9122, 9123, 9125, 9127)


Application data

	2:1 Mixing ratio	<u>By volume</u>	<u>By weight</u>
	9100 X10 System Clear™	2	See table 1.1
	9122/9123/9125/9127 Hardener	1	
	7030/7050/7070 Thinner	0 - 5 %	
	Spray gun set /air inlet		
	Gravity feed 1.2 - 1.4 mm	2.0 - 2.5 bar (29 - 36 psi)	
	Suction feed	Verify manufacturer's info	
	Application		
	Number of coats	1.5 - 2	
	Total dry film build	50 - 60 microns (2-2.4 mils)	
	Flash off (20°C/68 °F)		
	between the coats	5 - 10 min	
	before oven drying	5 - 10 min	

Extra fast and fast hardeners are recommended for use on vertical surfaces and spot repairs. Light half coat followed by full closed coat without flash off can be used for spot and quick repairs.

For all other repairs, use two full coats application method, with flash off between coats (5-10 min). Flash off time and drying time depends on the combination of the hardeners and thinners used.

Drying times

	2:1 Hardener	9122	9123	9125	9127
	20 °C/68 °F	~5 h	~6 h	~7 h	~8 h
	60 °C/140 °F	~20 min	~22 min	~25 min	~30 min
	IR	~7 min	~9 min	~11 min	~15 min
	Potlife	20 – 30 min	30 – 40 min	50 – 60 min	50 – 60 min

Complementary products

2:1 Hardeners

9122 Extra fast hardener
9123 Fast hardener
9125 Standard hardener
9127 Slow hardener

Thinners

7030 Fast Acrylic Thinner
7050 Medium Acrylic Thinner
7070 Slow Acrylic Thinner

Testing of the material

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

Prod. Nr.	Description	Volume	Packaging Box
9100-1	9100 X10 System Clear	1 L	12
9100-5	9100 X10 System Clear	5 L	3

Physical properties

Viscosity: 18 - 19 s (ready for use, 20°C)

Theoretical coverage: 9 - 11 m²/l

VOC Regulation: EU limit value for this product (2004/42/IB(d)): 420 g/l
This product contains max. 420 g/l of VOC.

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

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 behavior 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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Table 1.1 – Mixing ratio by weight (2:1 mixing ratio with 912x hardeners)

Volume of RFU paint required (ml)	Weight Clearcoat	Weight Clear Coat + Hardener	Weight Clear Coat + Hardener + Thinner
100	66	99	102
250	165	248	255
330	217	327	336
500	329	495	510
750	494	743	765
1000	658	990	1019