

9100 X10 System Clear

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"!

- fast to medium speed clear coat,
- possibility to choose from 4 hardener speeds and 3 thinner speeds,
- 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)

Substrate preparation

The base coat must be completely dry. Clearcoat has been tested on WB and SB basecoats.

Mixing ratio

<div><div></div><div>2</div></div> : <div><div></div><div>1</div></div>		By volume	By weight
	9100 X10 System Clear	2	see table 1.1
	9122/9123/9125/9127 Hardener	1	
	7030/7050/7070 Thinner	5 - 10 % *	
* When using >5% thinner, the product is not VOC compliant			

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.

Spray gun setup

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Spray nozzle	1,2 – 1,4 mm
Pressure, upper cup	2.0 – 2.5 bar
According to the manufacturer.	50 – 60 mikronov

Application



Number of applications	1,5 – 2
Flash-off [20 °C]:	5 – 10 min
Dry film thickness	50 – 60 mikronov

Drying



Hardener	9122	9123	9125	9127
Dry to polish (20°C)	8 h	10 h	12 h	14 h
Dry to polish (60°C)	20 min	22 min	25 min	30 min
IR shortwave	7 min	9 min	11 min	15 min
Potlife (20°C)	20 – 40 min			

Complementary products

Hardener

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

Thinners

7030 Acrylic Thinner, Fast
7050 Acrylic Thinner, Standard
7070 Acrylic Thinner, Slow

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Testing of material

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 no.	Description	Volume/Weight	Packaging [pcs/box]
9100-1	9100 X10 System Clear	1L	12
9100-5	9100 X10 System Clear	5L	3

Volatile organic compounds

The VOC value for this product is 420 g/L

The product category is VOC 2004/42/II B(d)(420).

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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Mixing ratio by weight



Technical data sheet

2024-9

9100 X10 System Clear

Volume of RFU paint required	CLEARCOAT	CLEARCOAT + HARDENER	CLEARCOAT + HARDENER + THINNER
(ml)	(g)	(g)	(g)
100	66	99	102
250	165	248	255
330	217	327	336
500	329	495	510
750	494	743	765
1000	658	990	1019