

9090 Superfast HS Ultra Rapid Clear Coat

Description

Exceptionally fast air drying HS clear coat for larger surfaces or for spot repairs. No hardener/activator in the base coat needed. Easy and quick application.


Features & Benefits

- drying without oven baking allows fuel and electricity savings
- polish dry (60 °C/140 °F): 5 – 6 min (after cooling down)
- polish dry (20 °C/68 °F): 60 min
- excellent gloss
- high durability and resistance to yellowing
- hardener 9125, 9127 (vol. 3:1)

Substrate preparation

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

Application

	Mixing ratio	<u>By volume</u>	<u>By weight</u>
	9090 HS Fast Anti-scratch clear coat	3	3
	9125/9127 UHS Hardener	1	1
	7050/7070 Acrylic Thinner	0 – 5%	0 – 5 %

Full table of mixing ratio by weight is available at the end of this TDS



Spray gun set / air inlet

Gravity feed: Nozzle: 1,2 – 1,3 mm
Suction feed: Pressure: 2 bar
Verify spray gun manufacturer's info



Application

Number of coats: 2
Total dry film-build: 40 – 50 microns



Flash off (20 °C/68 °F)

Between coats: 3 – 5 min
Before baking: 5 min

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

Drying



Dust dry at 20 °C (68 °F)	20 min
Touch dry at 20 °C (68 °F)	40 min
Polish dry at 20 °C (68 °F)	60 min
Polish dry at 60 °C (140 °F) (OBJECT TEMPERATURE)	5 min
Pot life at 20 °C (68 °F)	60 min

Complementary products

9125/9127 2K Hardener
7050/7070 Acrylic thinner

Testing of the 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.

Prod. Nr.	Description	Volume	Packaging Box
9090-1	/	1L	6
9090-3	/	3L	3

Physical properties

Viscosity:	15 - 16 s (ready for use, 20°C)
Theoretical coverage:	8 - 9 m ² /l
Density (20 °C/68 °F):	1,00 - 1,02 kg/L
Solids content:	42 %
VOC Regulation:	EU limit value for this product (2004/42/II B(e)): 840 g/l This product contains max 640 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 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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Table 1.1 – Mixing ratio by weight 3:1 + 5 % (9125)

Volume of RFU clear coat required (ml)	Weight Clear Coat	Weight Clear Coat + Hardener	Weight Clear Coat + Hardener + Thinner
100	73	98	101
250	183	245	253
330	241	323	334
500	365	489	505
750	548	734	758
1000	730	978	1011