

2K Clearcoat

Verniz PU 9500



Two-component, high-solid polyurethane clearcoat, recommended for final finishing on Wandabase HS polyester base. Formulated for general refinish and small repairs. It has excellent gloss, appearance, durability and great fluidity.



2:1 + 0 - 10%
PU clearcoat 9500
Hardener: 3090/3093
PU Thinner: 4028/4030



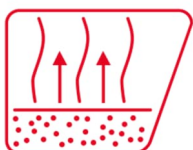
14 – 18 seconds CF4
23 – 27 seconds CF3



Wanda 2:1 mixing stick



1.2-1.5 mm
3-4 bar



Flash-off
5 - 10 minutes à 25°C



Hardener 3093
12h – 25°C
30min – 60°C



Use appropriate respiratory protection
AkzoNobel Automotive Refinish recommends the use of a respiratory mask.

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Products and additives:

- PU clearcoat 9500
- Slow Hardener 3090: recommended for locations with temperatures above 30°C, ideal for large surfaces.
- Hardener 3093: recommended for locations with temperatures up to 30°C, ideal for partial painting and touch-ups. In very low temperatures, 3093 can be used for general refinish.
- Thinner for Polyester / PU 4030
- Thinner for Polyester / PU High Temperature 4028: recommended for locations with temperatures above 30°C.

Basic raw materials:

PU clearcoat 9500: Acrylic resin, solvents and additives.
Hardeners 3090 and 3093: Polyisocyanates and solvents.
Thinner PU 4028 / 4030: various solvents.

Possible substrates:

Wandabase HS polyester base.

Surface preparation:

After a 15 to 20 minutes flash-off of the base coat, the clearcoat can be applied.

Mixing ratio:

2 parts of PU 9500 Clear
1 part of Hardener 3090 or 3093
0 - 10% Thinner PU 4028 / 4030

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Application viscosity:

14 - 18 seconds CF4 / 25°C

Pot life of the mixture: 2 hours at 25°C with dilution with 4028 / 4030

	Spray gun:	Nozzle:	Pressure:
Type of spray gun and application pressure:	Suction:	1,8 mm	3-4 bar (40-50 lb/pol ²)
	Gravity:	1.2 – 1,5 mm	3-4 bar (40-50 lb/pol ²)
	HVLP:	1.2 – 1.5 mm	3-4 bar (40-50 lb/pol ²)

Process: Apply 2 to 3 single coats, respecting the application interval of 5 to 10 minutes between coats.

Film thickness: Approximately 20 to 30 µm (Microns) per coat.

Theoretical yield: 10 m²/liter per coat
Note: in practice, yield depends on several factors, such as film thickness, object shape, surface imperfections, application method and variations during application.

Equipment cleaning: Use Cleaning Thinner 4120

Drying time:

25°C	3093	3090
Powder	10 min	15 min
Touch	2 horas	3 horas
Handling	4 horas	5 horas
Total	12 horas	16 horas

60°C	3093	3090
Total	30 min	1 hora

Shelf life: 3 years, stored at a temperature of 15 to 30°C and free from moisture.

VOC: The VOC index of this product is 569 g/liter.

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Health and safety: Please consult the MSDS.

Tips:

- Wandabase should not be sanded before applying the varnish.
- It is recommended that when painting parts, it be stretched.
- Always use the recommended hardener for mixing.
- For application on the hood, 3 coats are recommended for greater durability, due to greater exposure to engine heat and direct exposure to sunlight.
- The dashboard can be polished after it has completely dried. First remove impurities with an abrasive sponge or fine sandpaper and polish manually or mechanically with a polisher.

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