



CLEAR PU 2:1 HIGH SOLIDS 9100

Quick Reference



2:1 + 20 – 30%
Clear PU 2:1
Hard. 3088/ 3090/3093
Thinner PU 4030

16 - 20 sec. – FC4

Wanda Ruler 2:1

1.2-1.5 mm
3-4 bar

5 - 10 min.

12h – 25°C
30min – 60°C

Description:

High Solid Polyurethane Clearcoat to be used over basecoat Wandabase HS. It can be used for small spot repairs and total resprays. It has excellent gloss and aspect, durability, and great color retention.

Products and Additives:

- Clear PU 2:1 High Solids 9100
 - Wanda Hardener Extra Slow – suitable for room temperature over 35°C. Ideal for large surfaces (total resprays, side of bus).
 - 2K Hardener Slow – suitable for room temperature over 30°C. Ideal for large surfaces (total resprays, side of bus).
 - 2K Hardener Standard – suitable for room temperature up to 30°C. Ideal for partial painting (4 part) e refinishes.
- Note: Too low temperatures, 3093 can be used to total resprays.
- Thinner PU 4030
 - RRA (Rapid Repair Agent)

Basic Raw Materials:

Clear PU 2:1 High Solids 9100 – Acrylic resin, solvents e additives
Wanda Hardener Extra Slow, 2K Hardener Slow e 2K Hardener Standard – Poly isocyanates e solvents
Thinner PU 4030 – different solvents.

RRA (Rapid Repair Agent) – Various solvents

Suitable Substrates:

Basecoat Wandabase HS

Surface Preparation:

Following a flash off time of 15-20 minutes Verniz PU 2:1 can be applied over the basecoat.

Observations:

These products are intended for professional use only. Please, refer to can, Technical Data Sheet and Safety Data Sheet form more specific information. These products are thoroughly controlled and their quality will be kept as long as they are used according to the manufacturer recommendations. The final result depending upon factors of use which are outside our control.





Mixing Ratio: 2 parts of Clear PU 2:1 High Solids 9100
1 part of Hardener 3088, 3090 or 3093
20 – 30% Thinner PU 4030

Mixing ratio accelerated system for spot repair: 2 parts of Clear PU 2:1 High Solids 9100
1 part of Hardener 3093
20% of RRA

Spray Viscosity: 16 - 20 seconds FC4 / 25°C

Pot life: 1 hour 30 minutes at 25°C
1 hour at 25 °C thinned with RRA

Spray gun fluid tip and working pressure:	Spray Gun:	Fluid tip:	Pressure :
	Suction Feed:	1.8 mm	3-4 bar (40-50 lb/pol ²)
	Gravity Feed:	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 2-3 single coats with a time of 5-10 minutes between the coats.

For accelerated drying system with RRA, apply 2 simple coats, respecting the flash off timed 5-10 minutes between coats.

The use of RRA should be restricted to small areas.
To repair the roof and hood is not recommended accelerated system with RRA.

Film Thickness: Approximately 25 - 30 microns per coat.

Theoretical cover rate : 10 m²/litre per coat
Note: The practical coverage depends on several factors, including shape of the construction, roughness of surface, method of application and conditions of application.

Cleaning of equipment: Use Cleaning Thinner Wanda

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**Drying times:**

	3093 – 25°C	3090 – 25°C	3088 – 25°C	60°C
Dust	10 min	12 min	16 min	-----
Touch	1,5 horas	2 horas	3 horas	-----
Handle	4 horas	5 horas	6,5 horas	30 min
Total	12 horas	15 horas	20 horas	

**Drying times
accelerated system for
spot repair:**

	3093 + RRA a 25°C	60°C
Pó	5 min	-----
Toque	1 h	-----
Total	6 h	15 min

Shelf life: 3 years at temperatures between 15 and 35°C, no humidity.**Health and Safety data:** Please refer to MSDS**Notes:**

- The Wandabase should not be sanded before clear application.
- It is recommended to extend the paint in parts spraying.
- Always use the indicated hardener to the product.
- To apply on the hood it is recommended 3 coats to improve the durability due to a higher heat exposure (from engine and from sun).
- The panel can be polished after total drying. Firstly, take of the impurities with a Scot Brite or a soft sandpaper, and polish it manual or mechanically.

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