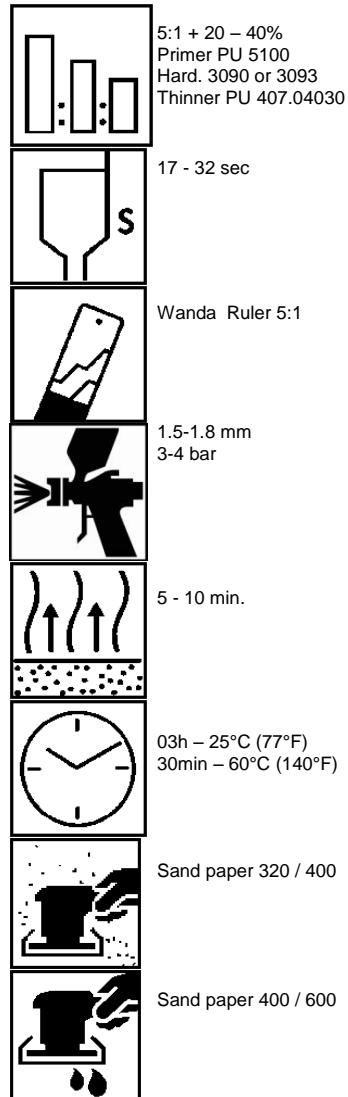




## WANDAPRIMER PU 5100 HS

### Quick Reference



**Description:** Polyurethane Primer indicated to promote filling and adhesion on metallic substrates. It has a good filling power, fast drying time, sanding properties and excellent durability.

**Products and additives:** Wandaprimer PU 5100 HS Grey Medium (SBC32789)  
 Hardener PU 3093 – (SBC31202)  
 Hardener PU 3090 Slow – (SBC31203)  
 Thinner for Polyester / PU 4030 – (SBC33340)  
 RRA (Rapid Repair Agent)

**Basic raw materials:** Wandaprimer PU 5100 HS Grey Medium – acrylic resin, organic and inorganic pigments, solvents and additives.  
 Hardener 3090/3093 – Poly isocyanate and solvents  
 Thinner 4030 – solvents  
 RRA (Rapid Repair Agent) - Various solvents

**Suitable Substrates:** Bare steel  
 Washprimers  
 Existing finishes

**Surface Preparation:** Sand with P220 or P320 grit. Degrease with Desengraxante Wanda

<b>Mixing ratio:</b>	Reduction A - Primer Filler	Reduction B – Primer surfacer
	5 parts of Primer	5 parts of Primer
	1 part of hardener	1 part of hardener
	20% of thinner 4030	40% of thinner 4030

<b>Mixing ratio accelerated system for spot repair:</b>	5 parts of Primer
	1 part of hardener
	20% of thinner PU
	10% of RRA

### 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.





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**Spray Viscosity:** 17 – 32" seconds FC4 / 25°C (77°F)

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**Pot life:** 1 hour at 20°C (68°F) in the mixing ratio 5:1 + 30% to 40%  
1 hour at 20°C in the mixing ratio 5:1 + 20% 4030 + 10% RRA  
30 minutes at 20°C (68°F) in the mixing ratio 5:1 + 20%

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<b>Spray gun fluid tip and working pressure:</b>	<b>Spray Gun:</b>	<b>Fluid tip:</b>	<b>Pressure :</b>
	Suction Feed:	1.8 mm	3-4 bar (40-50 lb/pol <sup>2</sup> )
	Gravity Feed:	1.5 – 1.8 mm	3-4 bar (40-50 lb/pol <sup>2</sup> )
	HVLP:	1.7 – 2.0 mm	3-4 bar (40-50 lb/pol <sup>2</sup> )

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**Process:** Apply 2-3 single coats, allowing for 3 to 5 minutes flash off time between coats.

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

The use of RRA should be restricted to small areas and the layer of primer will not exceed 50 microns indicating that it is for retouching spot repairs.

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**Film Thickness:** 20-50 microns per coat, depending on the added thinner amount.

**Theoretical cover rate :** 13 m<sup>2</sup>/ liter per coat  
**Note:** The practical coverage depends on several factors, including shape of the construction, roughness of surface, method of application being used and conditions of application

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**Cleaning of equipment:** Use Cleaning Solvent Wanda 4120

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Drying times:		3093- 25°C (77°F)	3090– 25°C (77°F)	60°C (140°F)
	Dust		5 min	10 min
Touch		20 min	30 min	-----
Handle		1,5 h	2 h	30 min
Total		3 h	4 h	

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

	3093 + RRA a 25°C	60°C
Dust	5 min	-----
Touch	15 min	-----
Handle	1 h	15 min

**Sanding:**

dry: sand paper 320, ending with 400  
wet: sand paper 400, ending with 600

**Shelf life:**

2 years at temperatures between 15°C (59°F) and 35°C (95°F), no humidity.

**Health and Safety data:**

Please refer to MSDS

**Notes:**

The Primer PU 5100 can be mixed to the white and dark gray 5100 primers, getting different shades.  
The addition of hardener and thinner must be done after mix the primers.

The Primer PU 5100 can be tinted with Wanda PU toners. Till 5% of Wanda PU toners can be added. Superior amount is not recommended, because changes the dry and sand properties of the primer;  
The addition of hardener and thinner must be done after tint the primer.

- If necessary, correct the primer with fast putty and respray it.
- Always use the indicated thinner to the product.
- Use the indicated sand paper for dry and wet sanding.
- Before sanding, allowing the specified flash of time in order to avoid mapping defect.

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