



## POINT 500 SUPER GLUE

POINT 500 SUPER GLUE is an extremely fast and strong medium-viscosity adhesive based on cyanoacrylate. It is ideal where very fast bonding is required. It has high adhesive strength and is suitable for vertical surfaces, bonding instantly. It adheres to a wide range of materials—both porous and non-porous—where quick bonding is necessary. No catalyst, heat, or clamping is required. A thin layer of POINT 500 SUPER GLUE, applied between two surfaces, reacts with atmospheric moisture and undergoes rapid polymerization, ensuring a strong bond.

### Advantages

- Bonds instantly and strongly.
- Easy and fast application.
- Bonds porous and non-porous materials.
- Transparent adhesive joint

### Perfect adhesion:

- MDF
- Wood
- OSB
- Rigid PVC
- Metals
- Aluminum
- Copper
- Polystyrene
- Polycarbonate
- ABS

### Areas of application

The adhesive is designed for bonding various construction and finishing elements where extremely fast adhesion is required. Suitable for bonding a wide variety of materials when quick bonding is needed.

## TECHNICAL DATA SHEET

### Bonding time

Material / Surface	Time
Steel to steel	10 – 30 seconds
Stainless steel	30 – 60 seconds
Aluminum	5 – 15 seconds
Galvanized surface	30 – 90 seconds
ABS to ABS	5 – 20 seconds
ABS to NBR	3 – 5 seconds
ABS to wood	5 – 10 seconds
NBR to NBR	5 – 10 seconds
Wood	60 – 75 seconds
Polycarbonate	20 – 60 seconds

### Technical data

Indicator	Unit	Standard	Value
Color			Transparent
Base material			Ethyl Cyanoacrylate
Density	g/cm <sup>3</sup>	ASTM D1875	1,1
Viscosity	Cps	ASTM D1084	80-120
Vapor pressure	hPa		<1
Refractive index (n <sup>D20</sup> )	n <sup>D20</sup>		1.439
Application temperature	°C		+5 °C ... +30 °C
Temperature resistance after curing	°C		-20 °C ... +70 °C
Volume	ml		30
<b>Tensile strength (Adhesive force)</b>			<b>Value</b>
Steel	Kg/cm <sup>2</sup>		190 – 210
Stainless steel	Kg/cm <sup>2</sup>		250 – 450
Aluminum	Kg/cm <sup>2</sup>		170 – 190
Copper	Kg/cm <sup>2</sup>		150 – 170
PVC	Kg/cm <sup>2</sup>		40 – 60
ABS	Kg/cm <sup>2</sup>		50 – 70
Polycarbonate	Kg/cm <sup>2</sup>		80 – 120
Polystyrene	Kg/cm <sup>2</sup>		30 – 45
NBR	Kg/cm <sup>2</sup>		5 – 9
SBR	Kg/cm <sup>2</sup>		5 – 10

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### Directions of Use

The surfaces must be flat, clean, and dry. Apply the adhesive in dots or thin lines—only to one of the surfaces to be joined. Press the parts together firmly until bonded. The bond forms within a few seconds.

### Storage conditions

Store unopened in a dry place at +5°C to +25°C. Shelf life – 18 months from the date of manufacture when stored as recommended. Protect containers from direct sunlight and heat above 50°C.

### Packaging

30 g plastic bottles, 10 pcs per pack, 100 pcs per carton.

### Health & Safety

Keep in original sealed containers until use. Avoid exposure to strong light and heat sources. Bonds to skin within seconds. Use only in well-ventilated areas. Avoid contact with skin and eyes.

If contact with skin occurs, wash with warm water or gradually dissolve with a solvent such as acetone or nitromethane. Do not attempt to peel off mechanically.

If the adhesive gets into the eyes, keep them open and rinse thoroughly with water. Seek medical advice immediately. Keep out of reach of children.

### Waste management

Empty the container and dispose of it in accordance with local regulations.