

BS-7000 V3

Silyl Modified Polymer

- ❑ Elastic Bonding adhesive
- ❑ Durable and reliable bonds
- ❑ Free from Isocyanates, solvents and silicone

BS-7000 V3 is a high quality elastic bonding adhesive based on Silyl Modified Polymers (SMP). It is suitable for use as an adhesive on structures on industrial applications requiring high strength. BS-7000 V3 has excellent resistance to UV, weather and temperature, and exhibits excellent adhesion performance on a wide variety of substrates (minimal or no pretreatment necessary) it can be overpainted with most common industrial paints. BS-7000 V3 is free from solvents, isocyanates and silicone.

Properties

Physical Properties	Value
Appearance	White, Grey, Black
Curing method	Moisture

Property	Value	Unit
Skin forming time	10	Min
Curing speed after 24hrs	3	mm
Temperature resistance	-40 - +150	°C
Application temperature	5 - 35	°C
Shore A Hardness	68	-
Density	1.5	g/ml

Mechanical Properties	Value	Unit
Tensile strength 100% (ISO 37)	2.5	MPa
Tensile stress at break (ISO 37)	3.5	MPa
Shear stress (ISO 4587)	2.5	MPa
E-Modulus 10% (ISO 37)	4.5	MPa
Elongation (ISO 37)	200	%

@2mm - 23°C and 50% relative humidity

Supplied by all CAPLINQ Global entities

Europe

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Applications

BS-7000 V3 shows excellent shear strength on various substrates without primer and exhibits excellent adhesion to:

- Most metals with no corrosion including stainless steel and aluminium
- Plastics such as polycarbonate and polyamide
- Other general materials

BS-7000 V3 is suitable for:

- Bonding of roofs of vehicles
- Bonding and sealing of sunroof systems
- Bonding of flooring systems

Surface Preparation

Ensure the bonding surfaces are dry, clean, and free of dirt, grease etc.

Clean the surfaces using two cloth method and remove the dust using oil-free compressed air.

Two Cloth Method:

1. Clean/Rub the surfaces to remove the grease with a clean cloth dampened with solvent.
2. Immediately wipe off the residues using another clean cloth with a buffing action.

Working Conditions

- Environment: Ensure to work in a well- ventilated space.
- Curing temperature: Room temperature

Packaging

290ml Cartridge; 400/600ml sausages; 20/200l drum

Storage and Shelf life

12-18 months from the date of manufacturing in its original packaging when stored in dry and clean place at temperature below 30 °C. The remainder in partly emptied package must be used as soon as possible.

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