



TECHNICAL  
DATA SHEET



## BOSS® PU65 POLYURETHANE ADHESIVE/ SEALANT

### TECHNICAL DATA

Consistency	Paste
Density**	1.20 ±0.5g/mL
Skin formation time*	25-40 minutes
Curing speed*	3.5 mm per 24 hours
Shore A hardness	60- 65
Elongation at break	> 500%
Application temperature	+5 to +35°C
Tensile Strength	7.5 N/mm <sup>2</sup>
Resistance to UV	Good
Resistance to water and salt water	Excellent
Colors	Black

\* These values may vary depending on environmental factors such as temperature, moisture, and type of substrates.

\*\* This information relates to fully cured product.

### Description

BOSS® PU65 is a fast-curing one-component moisture-curing polyurethane adhesive/sealant that has high elasticity and excellent tear, vibration and weathering resistance. It is designed for bonding the windshield of cars. It is also suitable for bonding various industrial materials, for truck & bus bodies, ship building, sandwich panels and many other industrial applications.

### Features

- Primeless adhesion to metal & glass
- Non-sag formulation
- Excellent weatherability
- Cures to a tough, flexible rubber
- Tools easily

### How to use

For successful bonding and sealing, substrates must be free of dust, dirt, moisture and oils. Clean substrate with a degreasing solvent. In some instances, slight abrasion of the substrate surface may be necessary to ensure proper adhesion. Degrease with MEK, after about 10 minutes, apply BOSS Black Primer & never clean the old sealant with a solution containing alcohol.

### Bonding

After full drying of the primer (minimum 15 minutes, maximum 1 hour), the sealant BOSS PU65 can be applied with a hand or pneumatic gun. The triangle-shaped form of the joint is determined by the nozzle. If applied in cold weather, store the packaging at about 20 °C before use. The windshield must be applied and pressed before the end of the tack free time. Do not apply on silicones or in presence of cured or non-cured silicones or hybrid sealants (MS, SPUR or STPE). Do not apply at temperatures lower than 5 °C.



## BOSS® PU65 POLYURETHANE ADHESIVE/ SEALANT

### PACKAGING

BOSS® PU 65 Polyurethane Adhesive/Sealant is available in 600 ml sausage. Other sizes available upon request.

### Storage and shelf life

When stored in original unopened container at or below 25°C, BOSS PU 65 Polyurethane Adhesive/Sealant has a shelf life of 9 months from date of manufacture. Containers should always be kept sealed when not in use.

### Warning

MAY CAUSE EYE AND SKIN IRRITATION. MAY CAUSE SKIN ALLERGIES AND/OR RESPIRATORY REACTION IN PERSONS PREVIOUSLY SENSITIZED TO ISOCYANATE. Precautions: Keep away from heat and flame. Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Provide adequate ventilation to maintain vapour concentration below recommended exposure limits. Do not ingest. Keep container closed when not in use. KEEP OUT OF REACH OF CHILDREN.

### Suggested first aid

Eye contact: Flush eyes with plenty of water. If irritation persists, call a physician. Skin contact: Wash thoroughly with soap and plenty of water. Remove contaminated clothing and shoes. If signs/symptoms occur, call a physician. Inhalation: Remove person to fresh air. If symptoms continue, call a physician. If swallowed: Do not induce vomiting. Drink two glasses of water. Call a physician.

### Users please read

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