



# PSR 50-08

## Polyurethane Special Range

### SMART BENEFITS

- One-part direct glazing polyurethane
- Odorless and solvent free
- Good UV resistance

### DESCRIPTION

BOSTIK PSR 50-08 is a flexible, high viscosity and high performance adhesive based on Polyurethane polymers (PU) suitable for direct glazing application that cures on exposure to atmospheric humidity to form a durable bonding.

BOSTIK PSR 50-08 exhibits non-sagging properties with excellent adhesion performance on a wide variety of substrates.

### APPLICATION

Elastic structural bonding adhesive used for glass replacing and installation of front, side and rear windshields in general automotive and transportation constructions - e.g. bus, caravan, train and truck.

### FEATURES

- One component polyurethane.
- Solvent free - odorless
- High viscosity - non sagging properties.
- Suitable for use with integral aeralis.
- Prevents contact corrosion in aluminium-body vehicles.
- Good UV, ageing and weathering resistance.

### ADHESION

The use of Prep G plus is recommended on ceramic coated glass, several coated, not coated metals and some plastics (like SMC etc.) Surfaces should be clean, dry and free from dust and grease before the application of Prep G plus.

Please consult your local Bostik representative for more information. For details concerning the use of Prep G plus please consult the TDS.

### TECHNICAL DATA

| CHARACTERISTIC                      |                      | VALUE             |
|-------------------------------------|----------------------|-------------------|
| <b>Basic material</b>               |                      | Polyurethane      |
| <b>Curing method</b>                |                      | Moisture          |
| <b>Specific gravity</b>             | [g/cm <sup>3</sup> ] | ca. 1,24          |
| <b>Open Time</b>                    | [min]                | ca. 50            |
| <b>Curing speed</b>                 | [mm/24h]             | Ca. 3             |
| <b>Shore A hardness (DIN 53505)</b> |                      | ca. 63            |
| <b>Tensile strength (ISO 37)</b>    | [MPa]                | ca. 10            |
| <b>Elongation at break (ISO 37)</b> | [%]                  | ca. 300%          |
| <b>Temperature Resistance</b>       | [°C]                 | from -40 to +100  |
| <b>Colours</b>                      |                      | Black             |
| <b>Packaging</b>                    |                      | Sausages : 600 mL |

## STORAGE STABILITY

BOSTIK PSR 50-08 can be stored for 12 months in cartridges and sausages, in an original, unopened container in a dry place at temperatures between +5°C and +25°C.

## FURTHER INFORMATION

The following publication is available on request:

- Material Safety Data Sheets (MSDS)

The information given and recommendations made herein are based on Bostik's research only and are not guaranteed to be accurate. The performance of the product, its shelf life, and application characteristics will depend on many variables, including the kind of materials to which the product will be applied, the environment in which the product is stored or applied, and the equipment used for application. Any change in any of these variables can affect the product's performance. It is the buyer's obligation, prior to using the product, to test the suitability of the product for an intended use under the conditions that will exist at the time of the intended use. Bostik does not warrant the product's suitability for any particular application. The product is sold pursuant to Bostik's Terms and Conditions of Sale that accompanies the product at the time of sale. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute permission, inducement, or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

### SMART HELP

Please contact your local representative

