



# PSR 50-01

## Polyurethane Special Range

### SMART BENEFITS

- Suitable for sealing applications
- High elasticity
- Bubble free curing

### DESCRIPTION

BOSTIK PSR 50-01 is a high elastic recovery sealant based on Polyurethane polymers (PU).

Due to its good elasticity and low hardness, it is especially suitable for applications which are subject to large movements.

BOSTIK PSR 50-01 exhibits non-sagging properties with excellent adhesion performance on a wide variety of substrates (except plastics) and can be overpainted with most water-based paints.

BOSTIK PSR 50-01 will not form bubbles during its curing process.

### APPLICATION

Sealing in general automotive and transportation constructions - e.g. bus, caravan, train and truck.

- Sealing of air conditioning equipment.
- Sealing of aluminium (airfreight) containers.

### FEATURES

- High elongation and excellent elastic recovery
- Low isocyanate (<0,1%).
- Very good permanent elasticity.
- Easy to apply.
- Paintable with most water based paint.
- Non-sagging properties.

### ADHESION

The use of Prep CS is recommended for most typical substrates e.g. stainless steel, aluminium, 3CR12, ceramic glass and PVC floor covering. Surfaces should be clean, dry and free from dust and grease before the application of Prep CS. For other substrates please consult your Bostik representative for more Information. For details concerning the use of Prep CS please consult the TDS.

### TECHNICAL DATA

| CHARACTERISTIC                 |          | VALUE                                                                                                                |
|--------------------------------|----------|----------------------------------------------------------------------------------------------------------------------|
| Basic material                 |          | Polyurethane                                                                                                         |
| Curing method                  |          | Moisture                                                                                                             |
| Specific gravity               | [g/ml]   | 1,30                                                                                                                 |
| Skinning Time                  | [min]    | 90                                                                                                                   |
| Curing Speed                   | [mm/24h] | 3                                                                                                                    |
| Shore A hardness (ISO 868)     |          | 30                                                                                                                   |
| Tensile stress (100%) (ISO 37) | [MPa]    | 1,80                                                                                                                 |
| Elongation at break (ISO 37)   | [%]      | 750                                                                                                                  |
| Elastic recovery               | [%]      | 85                                                                                                                   |
| Temperature resistance         | [°C]     | - 30 till + 70                                                                                                       |
| Application temperature        | [°C]     | + 5 till + 40                                                                                                        |
| Colours                        |          | Black, White                                                                                                         |
| Packaging                      |          | Sausage : 600 mL                                                                                                     |
| Certification                  |          | F-EXT-INT-CC 25HM<br>- PW-EXT-INT-CC 25HM<br>- SNJF 25E<br>- ASTM C-920 C50<br>- ISEGA<br>- A+ French VOC Regulation |

STORAGE STABILITY

Bostik PSR 50-01 can be stored for 12 months in an original, unopened container in vertical position and dry place at temperatures between +5°C and +25°C .

FURTHER INFORMATION

The following publication is available on request:  
Material Safety Data Sheets (MSDS)

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SMART HELP

Please contact your local representative

