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 - PW-EXT-INT-CC 25HM - SNJF 25E - ASTM C-920 C50 - ISEGA - 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)

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



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