

# Expanding Foam Tape - BG1

## Product Description

Sealprem BG1 is a pre-compressed sealant made of impregnated permanently elastic fine-cell soft polyurethane foam. BG1 is manufactured to ISO 9001 and is approved to DIN 18542 and DIN 4102.

## Features

- Expands slowly and evenly
- Bridges extreme joint tolerances
- Paintable
- Compatible with all current building and sealant materials
- Air and dust seal when compressed to 33% of expanded capability
- Water and driving rain seal when compressed to 50% of expanded capability

## Typical Applications

- Underground constructions
- Window construction
- Exterior and interior buildings
- Profiled sheeting
- Prefabricated sections
- Road joints

Please note: The above technical information is given as a guide and is based on recent test data obtained under laboratory conditions. Materials should be fully tested by the end user to establish suitability of the product for the intended application. March 2024

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### Premier Sealant Systems Ltd.

T 01724 864 100 | E [sales@sealprem.com](mailto:sales@sealprem.com) | [www.sealprem.com](http://www.sealprem.com)

Mercia Way, Foxhills Industrial Park, Scunthorpe, DN15 8RE

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	Value
Impregnation	Long-lasting, fire retardant, polyacrylic - free of plasticisers heavy metals, chlorine, bitumen, formaldehyde, CFCs/VOCs
Colour	Black
Building classification	DN 4102 B1
Product class (DIN 18542)	Group 1
Water vapour diffusion resistance (DIN 18542)	<100
Weather resistance (DIN 18542)	Complies
Driving rain seal (DIN 18542)	To 600 Pa
Service temperature	-40°C - +100°C, intermittent +130°C
Thermal conductivity (DIN 18542)	0.060 W/m.k
Compatibility with other building materials (DIN 18542)	Up to 80°C
Resistance	Resistant to UV, ozone, ageing, bacteria, fungi, weak acids, cleaning agents, gentle solvents & alcohol
Expected life	In excess of 20 years, depending on temperature & joint design
Shelf life	2 years (at 20°C, dry & out of direct sunlight)
Presentation	Self-adhesive rolls, pre-compressed to c. 20% of original thickness

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