

## **Expanding PU Foam**

### Technical Data Sheet

#### **Product Description**

Premier BG1 is a precompressed sealant, made of impregnated permanently elastic fine cell soft polyurethane foam. BG1 is manufactured to ISO 9001 and approved to DIN 18542 and DIN 4102.

#### **Product 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 50% of expanded capability
- Water resistant seal when compressed to 33% of expanded capability

#### **Typical Applications**

Applications include sealing of expansion & butt joints in:-

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

## Technical Information

	<b>Premier BG1</b>
Impregnation	Longlasting fire retardant polyacrilic, free of plasticisers, heavy metals, chlorine, bitumen, formaldehyde CFC's & VOC's
Colour	Black
Building classification	DN 4102 B1
Product class (DIN 18542)	Group 1
Water vapour diffusion resistance (DIN 18542)	<100
Weather resistance (DN 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)	To 80°C
Resistance	Resistance to UV, ozone, ageing, bacteria, fungus, weak acids, cleaning agents, gentle solvents & alcohol.
Expected life	In excess of 20 years, depending upon temperature & joint design.
Shelf life	2 years (at 20°C, dry & out of direct sunlight)
Presentation	Self-adhesive rolls, precompressed to aprox. 20% of original thickness

*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. February 1997*

Supplied by

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