

### JOINT SEALING TAPE

Partel CONPRESeal BG1 is a pre-compressed and impregnated multifunctional joint sealing tape for the sealing of all function areas in window joint sealing with a single product. The tape meets all of the requirements pertaining to an air tight and heavy rain tight sealing.



Properties	Standard	Performance
Colour		black with functional membranes
Fire behaviour	DIN EN 13501	E; P-NDS04-717, MPA*
Stress group	DIN 18542:2009	BG2/BGR, P-NDS04-2015-085, MPA
Building component test	MO-01/1:2007-01	passed, 10541753-1 ift*
Joint permeability	DIN EN 12114	$a_n \leq 0,1 \text{ (m}^3/\text{h m dPa)}^{2/3}$ ; 151851, MPA*
Heavy rain tightness	DIN EN 1027	$\geq 1050 \text{ Pa}$ ; 151851, MPA*
Condensate resistance	DIN 18542:2009	yes, BG R; 151851, MPA*
Temperature resistant		-30 °C/-22°F to 80°C/176°F
Thermal conductivity	DIN EN 12667	$\lambda \leq 0,0428 \text{ W/m}^*\text{K}$ ; 083956.1, MPA*
Joint airborne sound insulation index $R_{ST,w}$	ift SC-01/2:2002-09 DIN EN 12354-3	not plastered: 58 dB; 167 43780/Z2, ift*
Water vapour permeability	DIN EN ISO 12572	moisture-adaptive $\mu=7-44$ , 100684.1, MPA*
Compatibility with conventional building materials		exists, MPA*
Processing temperature		+5°C/41°F to +30°C/86°F. Precool the tape at temperatures from +20°C/68°F, preheat it at lower temperatures if necessary.
Emissions	EMICODE®	EC1Plus (2775/03.03.2010 GEV*)
Storage stability		12 months, dry at room temperature and in the original packaging

\* MPA: Material Testing Agency Hanover; ift: ift Rosenheim; GEV: Association for the Control of Emissions in Products for Flooring Installation, Adhesives and Building Materials

"The information provided is based on current knowledge and experience. This data sheet may become invalid and we reserve the right to make changes to designs and processes as we continually improve quality. Processing instructions including full system component details should be adhered to. Visit [partel.com](http://partel.com) for the most up to date information"



## Key Advantages

- ✓ Heavy rain tightness to 1050 Pa in accordance with EN 1027
- ✓ Airtight (corresponds to the highest European standard for joint sealant tapes DIN 18542:2009 = BG R)
- ✓ Weatherproof
- ✓ Excellent thermal and sound insulation
- ✓ Weather independent installation
- ✓ Moisture adaptive membranes which adapt their water vapour permeability to the humidity stress.  
An increased ambient air humidity causes the diffusion resistance to also increase.
- ✓ 10 year function guarantee\*
- ✓ Very low emission — GEV EMI CODE®- EC1<sup>Plus</sup>

\* when using all of the Partel system components, according to manufacturer's instructions

## Areas of applications

The CONPRESeal BG1 can be used to seal the window connection joint. The sealing of the most different joint widths and window profile thicknesses is possible due to the various tape widths and thicknesses. The CONPRESeal BG1 is not designed for settlement joints in facades. Insert a tape which meets the requirements of Stress Group 1, tested in accordance with DIN 18542.

## Installation of joint sealing tapes

### Special instructions

Please adhere to our Instructions for Use, especially the information concerning the expansion behaviour and the fixing in place. Depending on the weather situation, the membranes can require a certain amount of time for their final and even pressing against the flanks of the joints. Tightness inspections should therefore only be carried out four weeks after they have been professionally installed at the earliest.

### Cleaning

The skin can be cleaned with soap and water. Residue adhesive can be removed with a petroleum-based cleaning agent. Observe the safety regulations.

### Form of delivery

Pre-compressed on rolls, self-adhesive on one side, with functional membranes.

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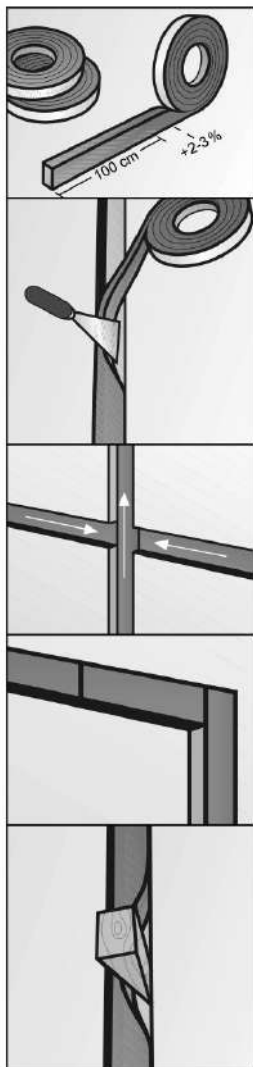
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**Preparation of joint/application base:** The application area/pressure base should be as level as possible and cleaned (eg. Plaster leftovers removed completely). The joints should run parallel where possible (in some cases a re-plastering or re-profiling of the joints in older buildings could be necessary). The specified tape widths should not be exceeded or reduced and this also applies to use on uneven surfaces.

**Using the tape:** Remove approx. 20-30 cm of the adhesive protection backing paper and place the tape into the joint, parallel to the edge and offset by 1-2 mm. Press the adhesive side of the tape into the appropriate joint and proceed by pushing smoothly, little by little using only gentle pressure. The tape should never be stretched! When using uncompressed strips, place the tape along the total length of the joint allowing 2-3% reserve for expansion and position onto the required base. Press the element with the tape in position, onto the appropriate building area and, if necessary, fix in place with a clamp. The pressure applied determines the compression width and thus the effectiveness of the seal.

**Cross or T-joints:** At cross joints fix the vertical tape first and then work inwards from the outer edges with the horizontal tapes. Use light pressure to fix where tape edges meet.

**Corners:** To avoid leaky joints never work the tape around corners but apply as shown in the diagram. Form a corner.

**Patching:** Press the tapes lightly next to each other. Do not twist and never overlap.

**Varying width of joints:** When joint widths vary greatly use different sized tapes. Never overlap the ends.

**Wet or dirty joints:** If the tape can adequately stick onto dirty or frosted joints, wedge the tape into position at various points along its length and remove after expansion has occurred.

Product name	Dimension (mm)	Dimension (inch)	Units / box
CONPRESeal BG1 10/3-7	10mm x 7.5m	3/8" x 23'	30
CONPRESeal BG1 10/5-10	10mm x 5m	3/8" x 15'	30
CONPRESeal BG1 15/7-12	15mm x 4.3m	9/16" x 13'	20
CONPRESeal BG1 20/8-15	20mm x 3m	13/16" x 9'	15
CONPRESeal BG1 20/10-18	20mm x 5m	13/16" x 15'	15

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