

# FIRE RETARDANT PU FOAM GUN GRADE B1



## Fire Retardant PU Foam Class B1 according to DIN 4102, part 1 Free of CFC's and HCFC's

Fire Retardant B1 PU Foam is a one-component polyurethane assembly foam, and is based on a moisture curing polyurethane prepolymer. The propellant mixture is free of CFC's, complying with the EU regulation regarding greenhouse gases, KOM (2003) 492 final 2003/0189 (COD). The development and manufacture of all products is subject to our approved quality assurance system according to ISO 9001/EN 29001.

### All-purpose in use

- Suitable for many applications both indoors and outdoors.
- Outstanding adhesion on virtually all construction surfaces.
- Can be plastered, painted and adhered over after hardening.
- Age-resistant, non-rotting, mold- and rot-resistant. Not UV-resistant.
- Certified to the latest British / European standards
- Classification report: EN13501-2:2009+A1:2010 EN1366-4 up to EI 240
- Fire resistance up to 240 minutes per building joint
- Approved installations - Linear gap sealant in vertical construction

### Outstanding dimensional stability and quick hardening

- No volume shrinkage.
- Only minimal post-stretching once hardening is complete.

### Excellent fill volume

### Solvent-free

### Application

Ideal for applications with B1 requirements, e.g. for foaming in joints, holes and hollow spaces, such as those between facade insulation panels, roof extensions, shutter boxes and in apparatus and metal construction. For the insulation of window sills, window frames and in the construction of refrigerated trucks and cold rooms.

### Classification & Filed of Application

Classification Carried out in accordance with [C] Clause 7.

### Note

All common construction surfaces, such as concrete, masonry, stone, plaster, wood, corrosion-protected metal, polystyrene, PIR/ PUR hand foam, polyester and hard PVC. Does not adhere to PE, PP, PTFE or silicone.

<b>Art. No.</b>	<b>892 155 210</b>
<b>P. Qty.</b>	12
<b>Content</b>	750 ml
<b>Chemical basis</b>	Moisture-hardening polyurethane prepolymer
<b>Tack free time</b>	5 - 10 min. @ 18°C/60% RH
<b>Cutting time</b>	20 - 25 min. @ 18°C/60% RH
<b>Fully cured</b>	after 24 hours
<b>Min./Max. processing temperature</b>	+5°C (surface), +20°C - +25°C (can)
<b>Yield (volume), approx.</b>	40 - 45 l (free foamed) (750 ml)
<b>Building material class</b>	B1
<b>Storage from time of manufacture</b>	12 months

<b>Fire resistance classification:</b> EI 240 V- X- F- W 10 to 20	
<b>Test Conditions</b>	<b>Designation</b>
<b>Specimen Orientation:</b> <ul style="list-style-type: none"> <li>• Horizontal Supporting Construction</li> <li>• Vertical Supporting Construction - Vertical Joint</li> <li>• Vertical Supporting Construction - Horizontal Joint</li> </ul>	H V T
<b>Movement Capability</b> <ul style="list-style-type: none"> <li>• No Movement</li> <li>• Movement Induced (in %)</li> </ul>	X M000
<b>Type of Splices</b> <ul style="list-style-type: none"> <li>• Manufactured</li> <li>• Field</li> <li>• Both manufactured and field</li> </ul>	M F B
<b>Joint widths range (in mm)</b>	W00 to 99



<b>Additional Articles to</b>	<b>Description</b>	<b>Art. No.</b>
892 155 210	PURLOGIC Xpress Foam Gun	<b>0891 152 4</b>
	PURLOGIC Foam Gun	<b>1891 152 30</b>
	PURLOGIC Clean PU Foam Cleaner	<b>0892 16</b> <b>1892 160</b>