

# TECHNICAL DATA SHEET



## DESCRIPTION

SITEWORX Foam Expansion Joint Fillers are made from polyethylene foam that has low moisture absorption properties making them ideal for filling expansion joints in brickwork and blockwork.

Properties	Test Method	Unit	Value
Nominal Density	ASTM D3575-08 Suffix W ISO 845: 2006	Kg/m3	24
Compressive Strength 25% (4th compression) 50% (4th compression) 70% (4th compression) (100mm/min compression speed)	DIN 53577	KPa	28 83 200
Compression Set	ASTM D3575-08 Suffix B 50% compression	%	<10
Compressive Creep (1 psi - 7 kg/dm <sup>2</sup> )	ASTM D-3575-08 Suffix BB 168 hrs	%	<10
Cell Size	BS 4443/1 Met.4	Cells/25mm	≥21
Tensile Strength @ Peak (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	KPa	180 150
Tensile Elongation (MD/CD)	ASTM D3575-08 Suffix T ISO 1798: 2008	%	67 52
Thermal Stability (24hrs at 70°C)	ASTM D3575-08 Suffix S ISO 2796	%	< 2
Water Absorption (after 24 hours)	ASTM D3575-08 Suffix L ISO 2896: 1986	Volume %	< 2
Tear Strength (MD/CD)	ASTM D3575-08 Suffix G	N/cm	17 14
Thermal Conductivity	ASTM C-177 ISO 8301	W/mK	0.055

The information contained in this data sheet replaces any previous information and all specifications and technical data appearing here must be used as guidelines, since they correspond to average values tested at laboratory. It is the responsibility of all users to satisfy themselves that the above data is current. This technical data sheet does not offer any warranty (express or implied) regarding the suitability of any product for your use as site conditions and requirements can vary. Growtivation reserves the right to alter product specifications and technical data without prior notice.

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