

## PRODUCT DATA SHEET

# Firebreak Linear Gap Seals

<p><b>DESCRIPTION</b></p>	<p>Firebreak Linear Gap Seal is comprised of an elastomeric acoustic foam laminated with layers of flexible intumescent compound and is designed for use as a fire resistive joint seal where high degrees of movement can be anticipated.</p>
<p><b>APPLICATIONS</b></p>	<ul style="list-style-type: none"> <li>• Linear gaps in fire separating wall and floors</li> <li>• Deflection joints above non-loadbearing fire resistant walls/partitions</li> <li>• Linear gaps behind structural steel</li> <li>• Gaps behind fire resistant door casings and window frames</li> </ul>
<p><b>CHARACTERISTICS AND FEATURES</b></p>	<p><b>Firebreak Linear Gap Seal</b> is a water resistant, flexible seal that is able to accommodate large degrees of movement in ambient conditions. However, on exposure to fire the intumescent layers expand, sealing the gap and preventing fire spread. Features include:</p> <ul style="list-style-type: none"> <li>• Up to <b>4 Hours' Fire Resistance</b></li> <li>• Independently fire tested and assessed to the requirements of <b>BS 476 : Part 20 : 1987</b> and additional guidelines from <b>prEN 1366-4</b></li> <li>• Highly flexible with movement tolerance of + / - 25%</li> <li>• Gap sizes up to 150mm</li> <li>• <b>Not affected by moisture or water</b></li> <li>• Highly flexible, lightweight and simple to install</li> <li>• Once installed no maintenance required</li> <li>• Supplied in easy to handle 1 metre lengths</li> <li>• Mould Resistant</li> <li>• Acoustically rated</li> <li>• Minimum density 75Kg/m<sup>2</sup></li> </ul>
<p><b>LIMITATIONS</b></p>	<p>It is the user's responsibility to determine suitability of use. It is recommended that a sample area be tested prior to installation.</p>
<p><b>SAFETY</b></p>	<p>In accordance with 91 / 155 / EEC Revision No.1</p>
<p><b>DIRECTIONS FOR USE</b></p>	<ol style="list-style-type: none"> <li>1. Ensure that all contact areas clean and free of loose materials</li> <li>2. Care should be taken to avoid installation against substrates that contain solvents, oils or plasticizers</li> <li>3. Seals may be cut to an appropriate length with a suitable knife to the required fitting length</li> <li>4. Compress lengths of seal between fingers starting at one end, insert into gap and pressed firmly into position forming tight butt joints with any adjacent seals</li> </ol>

**Firebreak  
Linear Gap Seal  
Product Data  
Sheet (cont.)**

**FIRE RESISTANCE  
PERFORMANCE TABLE**

Product Code	Gap Size (mm)	Seal Size (w x d) (mm)	Fire Integrity (minutes)	Insulation (minutes)
FB10/2	Up to 10	12 x 12	120	120
FB20/2	11 – 20	29 x 12	120	30
FB25/2	21 – 25	32 x 20	120	30
FB35/2	26 – 35	53 x 20	120	60
FB50/2	36 – 50	61 x 35	120	60
FB65/2	50 – 60	85 x 40	120	60
FB75/2	61 – 75	90 x 50	120	120
FB100/2	76 – 100	126 x 100	120	120
FB125/2	101 – 120	147 x 125	120	120
FB150/2	121 – 150	170 x 100	120	120
FB10/4	Up to 10	12 x 25	240	120
FB20/4	11 – 20	29 x 25	240	120
FB50/4	21 – 50	61 x 50	240	120
FB75/4	51 – 75	90 x 75	240	120
FB100/4	76 – 100	126 x 125	240	240
FB125/4	101 – 125	147 x 125	240	240
FB150/4	126 – 150	170 x 125	240	240

**MANUFACTURE**

**Firebreak Linear Gap Seals** are manufactured in the EU to the requirements of BS EN ISO 9001-2000: Quality Management Systems.

**STORAGE**

Store in dry frost free conditions below +30°C.

Since the product is applied under circumstances beyond our control, Neutron Fire Technologies Ltd can accept no direct or consequential liability whether in contract or in tort, for the interpretations of such recommendations and reserves the right to modify the recommendations as necessary.



SHIRE HALL LOSTWITHIEL CORNWALL PL22 0BS UNITED KINGDOM

T: +44 (0) 1208 871185 F: +44 (0) 1208 871254 E: sales@neutronfire.com W: www.neutronfire.com