



### Product Number: 39

## Intumescent Expansion Joints

### Description:

Envirograf® intumescent expansion joints are made from compressible fireproof sponge strips with foil-clad intumescent material on one or two sides. They are unaffected by water or chemicals and are easy to install. Useful as movement or expansion joints in fire walls, floors, concrete slabs, and steel work, or as a cavity joint between brickwork and timber structures. They can be used around ventilation ducting as a movement and anti-vibration joint, using double-sided tape to adhere to the ducting, and can also be fitted to seal over the tops of cable trays passing through protected building elements.

### Material Specification:

Multigraf Intumescent material chemical constitution

Mineral Wool Fibre	20-70% by weight
Exfoliating Graphite	20-60% by weight
Organic Binder (including adhesive coating)	5.0-30% by weight

Appearance	Cellular solid, usually black
Typical Physical Properties	
Density (kg/m <sup>3</sup> )	90 - 100
Hardness	130 - 180
Tensile strength (Newton's) Min	70
Elongation at break % Min	90

Typical Flammability Properties

BS476: Part 5	Non ignition
BS476: Part 6	Fpi<12
BS476: Part 7	Class '1'
BS476: Part 6+7	Class '0'

### Test Details:

	<u>Integrity</u>	<u>Insulation</u>
Fulmer Yarsley J84201/6	146 Minutes	110 Minutes
LPC TE 89143	125 Minutes	125 Minutes
LPC TE 82610	183 Minutes	N/A