

# Fire Rated Movement Joints



- Provides up to 4 hours fire resistance
- Moisture resistant
- Acoustic performance
- Will accommodate movement
- Easy to install



**abesco**

h i g h   p e r f o r m a n c e   f i r e s t o p   p r o d u c t s

### WHAT ARE ABESCO FIRE RATED MOVEMENT JOINTS?

Abesco Fire Rated Movement Joints are designed to prevent the spread of fire from one compartment to another where fire separating walls and floors must accommodate horizontal or vertical movement and provide up to 4 hours fire resistance.

Abesco Fire Rated Movement Joints are made from fire retardant compressible foam, factory coated with a heat reactive intumescent which forms a versatile and flexible gap seal.

### WHY USE ABESCO FIRE RATED MOVEMENT JOINTS?

- Comprehensively tested and assessed in accordance with BS 476 part 20 : 1987 for up to 4 hours fire resistance
- Easy to install, simply compress and install into joint
- Unaffected by moisture or water attack
- Will accommodate movement
- Gap widths up to 100mm can be accommodated
- Supplied in easy-to-handle 1M lengths

### WHERE TO USE ABESCO FIRE RATED MOVEMENT JOINTS

Abesco Fire Rated Movement Joints are suitable for use in any fire rated building compartment where structural movement is required. Typically these are:

- Top of blockwork wallhead/underside of floor (including metal decking)
- Movement joints within walls and floors
- Expansion and contraction joints
- Steelwork / Blockwork deflection joints

(For installation details please refer to technical data sheet).

### WHAT HAPPENS IN A FIRE SITUATION?

The fire retardant foam provides an effective barrier against the initial passage of smoke. As this foam slowly burns away, the void is filled by the rapidly expanding intumescent, forming an effective seal and preventing the spread of fire, smoke and gases from one compartment to another.

### HOW TO SPECIFY ABESCO FIRE RATED MOVEMENT JOINTS

"Supply and install Abesco Fire Rated Movement Joints to provide up to (1, 2, 3 or 4) hours fire resistance to suit .....mm gap width, in accordance with the manufacturers recommendations".

(Gap width sizes are in 10mm increments. For gap sizes between these increments, specify next largest size, ie 25mm gap, specify 30mm Fire Rated Movement Joint).

### OTHER ABESCO PRODUCTS

Abesco supply a wide range of firestopping products which provide the specifier or engineer with solutions to most passive fire protection problems experienced on site.

- Pipe Collars and Wraps for plastic pipes
- Protecta System - intumescent paint for structural steel protection
- Fire Rated Mortar
- Fire Rated Boards for multiple service penetrations
- Fire Rated Mastics
- Fireclamps - transits for cable trays and trunking

### NON STANDARD MANUFACTURE AND TESTING

Abesco products can be manufactured to meet project specific requirements where standard production specifications may not fulfil client needs. For example, size, orientation and fixing variations can be accommodated and special design facilities are available.

Project specific fire testing can be arranged for particular site configurations.

### HOW DO I ORDER?

Your local supplier is:

Abesco Ltd., Abesco House,  
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