

## FIRE BARRIERS

Fire is an ever-present danger. The 'chimney effect' created by an unprotected expansion joint may actually advance its spread.

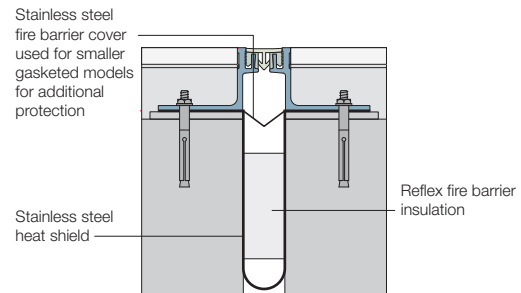
Construction Specialties' fire barrier systems are available to cover all building regulation requirements, whilst ensuring that performance is maintained during any building movement.

### C/S Reflex Fire Barrier Systems

- Suitable for floors and walls
- Floor joint widths 25-100mm
- Wall joint widths 25-100mm
- BS 476: Part 20 and 22: 1987 tested
- ANSI/UL 2079 and ASTM E1966 tested for a 1-hour and 2-hour rating

An innovative and cost effective fire barrier system comprising of a compressible block of insulation housed in continuous stainless steel foil. The wall systems are applicable to both drywall/stud and masonry wall conditions and do not require stainless steel foil.

Reflex systems have met ANSI/UL 2079 and ASTM E1966 testing requirements for a 1-hour and 2-hour rating including cycling capabilities of  $\pm 50\%$  horizontal movement. Lateral shear movement of  $\pm 25\%$  can also be accommodated.



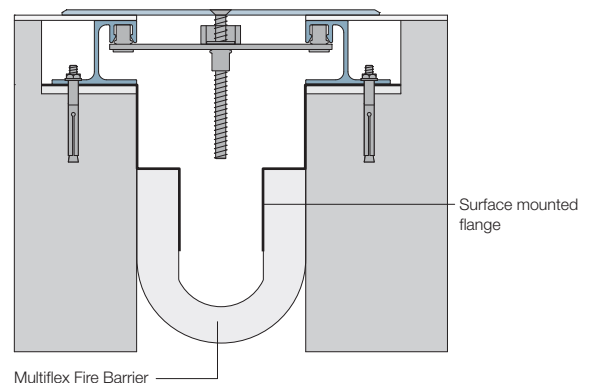
**GFT-100-38 with Reflex Fire Barrier to suit 25mm joint width**

### C/S Multiflex Fire Barrier Systems

- Suitable for floors and walls
- Floor and wall joint widths 25-500mm
- ANSI/UL 2079 and ASTM E1966 tested for a 1-hour and 2-hour rating

A blanket type fire barrier system consisting of insulation layers encapsulated in a stainless steel mesh, which keeps the insulation in place.

Multiflex systems have met ANSI/UL 2079 and ASTM E1966 testing requirements for a 1-hour and 2-hour rating including cycling capabilities of  $\pm 50\%$  horizontal movement. Lateral shear movement of  $\pm 50\%$  can also be accommodated, along with a vertical deflection of  $\pm 50\text{mm}$ .



**SJP-400SS with Multiflex Fire Barrier to suit 100mm joint width**

C/S Fire Barrier systems can be installed more easily and in much less time than most conventional fire barrier systems. This is due to the simple components that make up the systems, and because no fire caulks or complicated and expensive transition mitres are required for installation.

Construction Specialties Fire Barrier Systems have been manufactured and tested to provide optimum fire protection when properly installed in the intended environment.

However, no amount of testing can guarantee a 2-hour rating in every application. For that reason we urge you to contact us direct or to contact your local C/S representative for selection assistance during the initial stages of project development.



Reflex Fire Barrier



Multiflex Fire Barrier