

C/S Allway® Expansion Joint Covers

Fire Barriers

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

Construction Specialties' two 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 25-50mm
- BS 476: Part 20: 1987 tested
- ANSI/UL 2079 and ASTM E1966 tested for a 2-hour rating

C/S Reflex Fire Barriers utilize pre-engineered, fibreglass composite insulation assemblies and stainless steel foil heat shields. The wall systems are applicable to both drywall/stud and masonry wall conditions.

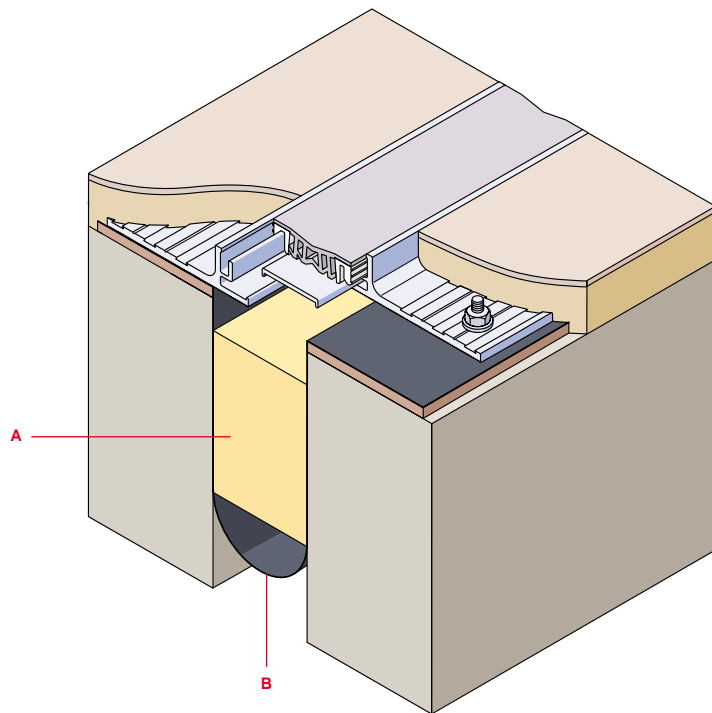
Each Reflex system has met ANSI/UL 2079 and ASTM E1966 testing requirements for a 2-hour rating including cycling capabilities of $\pm 50\%$ horizontal movement. Lateral shear movement of $\pm 25\%$ can also be accommodated.

C/S Multiflex Fire Barrier Systems

- Suitable for floors and walls
- Floor and wall joint widths 25-500mm
- BS 476: Part 20: 1987 tested
- ANSI/UL 2079 and ASTM E1966 tested for a 1-hour and 2-hour rating

These systems utilize pre-engineered, ceramic blankets, ceramic papers, stainless foil and screen. Each Multiflex System has 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

GFT-200/20. Thinline Flush Seal™ floor joint cover with reflex fire barrier to suit 50mm joint width.



movement of $\pm 50\%$ can also be accommodated, along with a vertical deflection of $\pm 50\text{mm}$.

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 miters are required for installation.

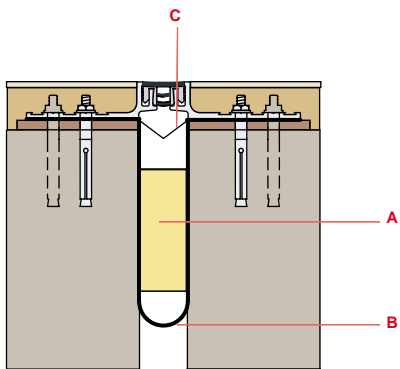
Construction Specialties Fire Barrier Systems have been manufactured and tested to provide optimum fire protection when properly installed in the intended environment.

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.

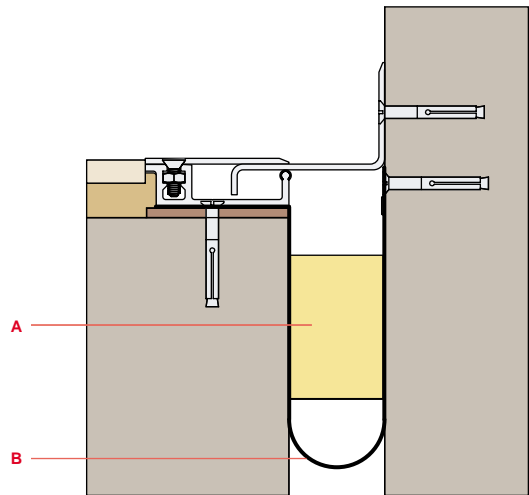
BS 476: Part 20: 1987 tested
Underwriters Laboratories Inc
classified



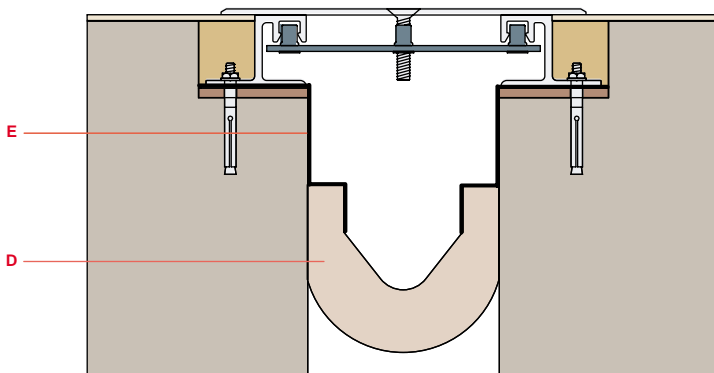
GFT-100/20. Thinline Flush Seal™ floor joint cover with Reflex Fire Barrier to suit 25mm joint width.



ALXW-200. All Metal™ floor to wall joint cover with Reflex Fire Barrier to suit 50mm joint width.



SJP-400. All Metal™ Large Span floor joint cover with Multiflex Fire Barrier to suit 100mm joint width.



Key for diagrams

- A. Reflex Fire Barrier insulation
- B. Stainless steel heat shield
- C. Stainless steel fire barrier cover (required at chase areas i.e. no expansion joint cover, or behind covers that have gaskets or seals over fire barriers).
- D. Multiflex Fire Barrier
- E. Surface mounted flange