

Testing Framework Guide - Siderise BH Cavity Barrier for Brick Slip applications (flat backed systems)

Siderise BH Open State Cavity Barrier - horizontal application

Diagram illustrating the relationship between statutory and industry compliance guidance, classification standards and applicable cavity barrier testing methodologies in England and Wales

Compliance and acceptance of project-specific designs require a holistic review and clarification by the Project Design Team, with support from a qualified and competent Project Fire Engineer.

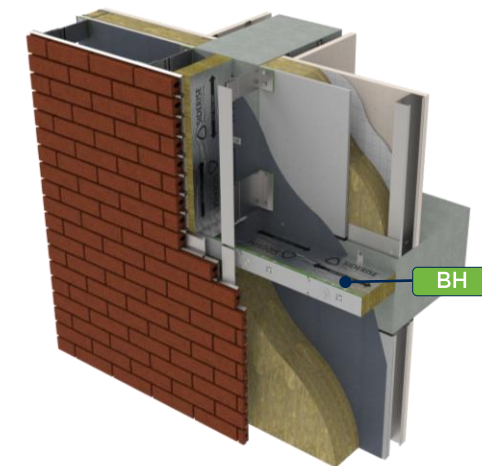
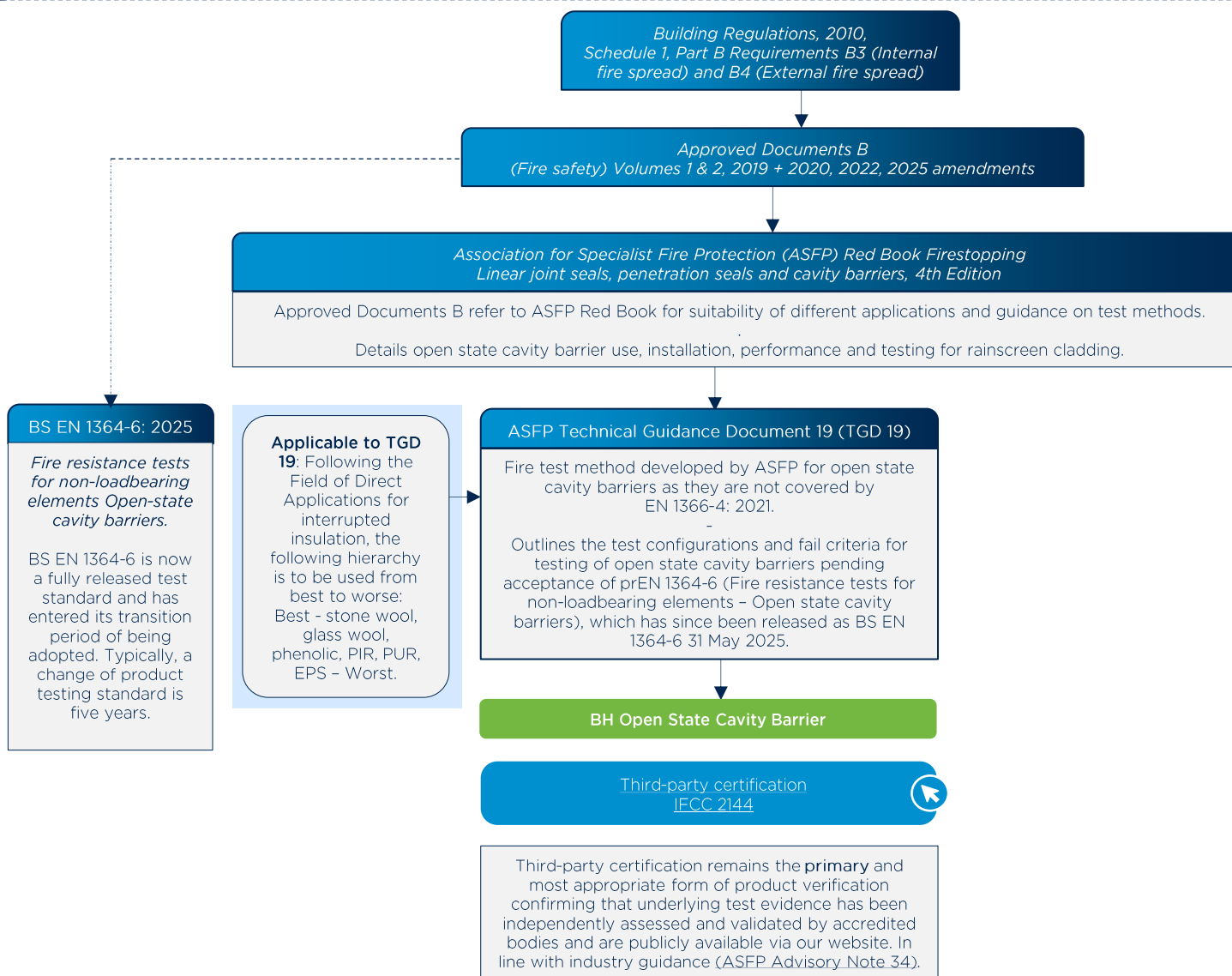
This framework is based on guidance in Approved Documents B (Fire safety) to outline relevant testing methodologies for open state cavity barriers used to the rear of rainscreen façade systems.

Where applicable, additional regulatory and industry guidance should also be reviewed. e.g. CWCT TN116.

The Project Fire Engineer is to demonstrate how open State cavity barriers fulfil the functional requirements of the building regulations

Specialist technical guidance developed by industry body ASFP is widely adopted for this purpose.

BH BV is designed for use with **flat-backed brick Slip systems**. For profiled brick Slips or profiled systems, please contact technical.services@siderise.com for practical installation guidance and advice on system-specific considerations.



Note; Image shown is an indicative illustration only to demonstrate a typical rainscreen façade system arrangement.

ASFP Technical Guidance Document TGD 19 is intended to determine the performance of the open state cavity barrier itself rather than the bounding substrates.

Primary testing and third-party certification is typically concrete to concrete.

The Project Design Team should clarify the overall design, including the bounding substrates.

Where available, Siderise can provide **supplementary** evidence to aid the Project Design Team in their holistic review e.g.

- Siderise cavity barriers used with a range of SFS wall build-ups / sheathing boards, CLT structure.
 - Siderise barrier with rail interface.
 - Siderise barrier with pipe penetration.
- Also consider the Siderise large-scale system test library (BS 8414-1, BS 8414-2, NFPA).

Large-scale test library