

QSS-LJ-H-M-02

Horizontal Linear Joint – Concrete to Concrete (150mm or thicker)

This standard detail is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines. In line with the company's policy of continual development, details are subject to change and/ or withdrawal therefore you must ensure this is the latest published detail and instructions.

Additional Instructions

Floors must have a minimum thickness of 150mm and comprise of concrete, aerated concrete or masonry, with a minimum density of $\geq 650\text{kg/m}^3$.

QuelStop Intumescent Acrylic Sealant applied to the upper side of the floor only.

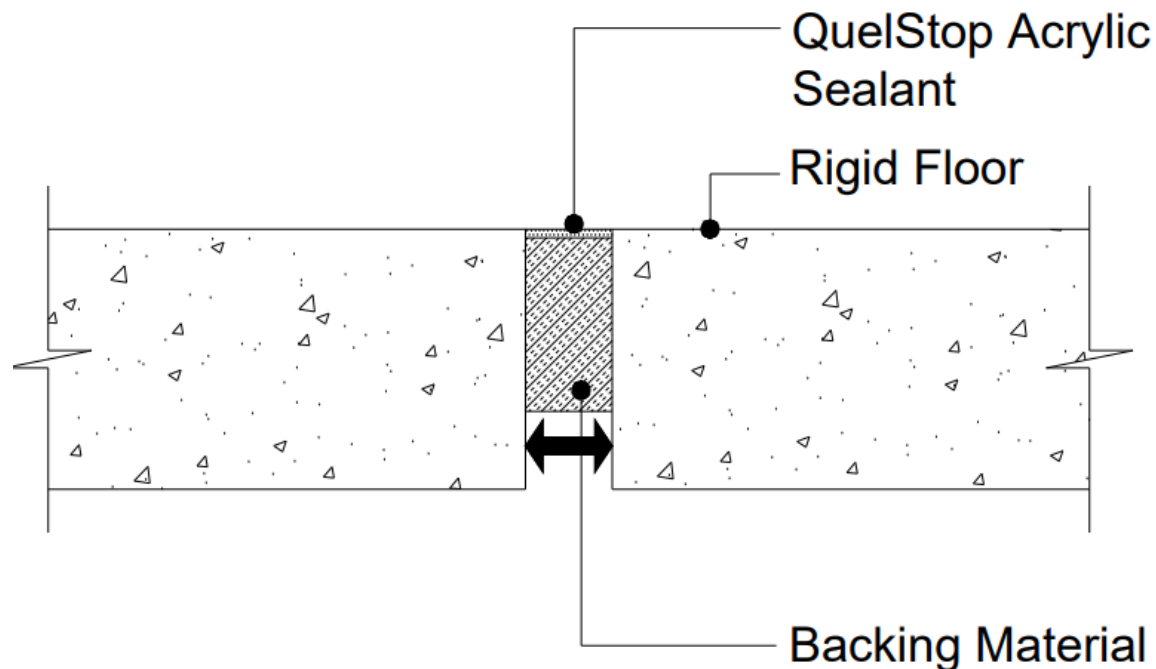
Test Condition

Designation

Test Condition	Designation
Integrity	E
Insulation	I
Horizontal Supporting Construction	H
Vertical Supporting Construction - Vertical	V
Vertical Supporting Construction - Horizontal	T
No Movement Capability	X
Movement Capability (%)	M00
Joint Width Range (mm)	W w1 to w2
Manufactured Splice	M
Field Splice	F
Manufactured and field Splice	B

Quelfire Products Required

Product Code	Description
QSS310	QuelStop Intumescent Acrylic Sealant



To be read in conjunction with:	UL EU Certificate Q1192-CPR, Page 21
Test standard:	BS EN1366-4 & EN13501-2
Substrate minimum thickness:	150mm
Drawing Scale:	Not to Scale
Issue Number:	2
Date of Issue:	January 2023
Detail Reference:	QSS-LJ-H-M-02

Substrate	Depth	Backing Material	Classification
Concrete - Concrete	5mm (Single Side)	Stone wool or ceramic wool ($\geq 100\text{mm}$ $\geq 60\text{kg/m}^3$, compressed to 60%)	EI 240 - H - M25 - F - W 00 to 60

Important Information:

- The supporting construction must be installed in accordance with the manufacturer's guidelines and must be capable of achieving the required fire rating of the firestop.
- All Services should be adequately supported either side of the firestop to ensure that no load is transferred onto the firestop seal.

Scope and Liability:

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