

QuelStop Ablative Coating is a flexible coating for use when installing the QuelStop Ablative Coated Fire Batt system.

The QuelStop Ablative Coating is used to reinstate/ repair the fire resistance performance of the ablative coating of the QuelStop Fire Batt where damage or cracks may have occurred during installation.

The QuelStop Ablative Coating is also required in some applications to coat back individual services as part of a tested system where they penetrate the compartment line.



FEATURES & BENEFITS

- Fire tested to BS EN1366-3-2009 as part of the QuelStop System.
- Provides fire resistance to some service penetrations.
- Simple to install, by brush application.
- Contributes to providing a smoke seal.
- Supplied in 5kg re-sealable tubs.

COMPOSITION

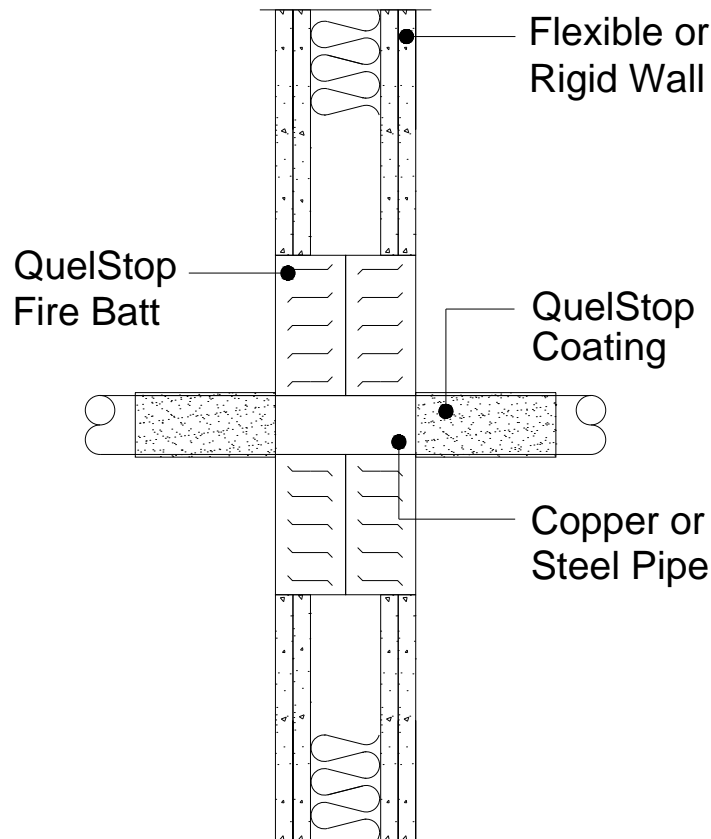
QuelStop Ablative Coating is a white liquid coating supplied in 5kg re-sealable plastic tubs and is brush applied as part of the QuelStop System to QuelStop Ablative Coating Fire Batt.

It is primarily used for repairing damaged or cracked QuelStop Fire Batt coating but is also required in some instances for coating back the services penetrating the seal. It may also be used in some instances for coating the raw edges of cut QuelStop Fire Batt when patress fitted for example.

ADDITIONAL DATA

Density - ISO 2811-1	1.35g/cm ³
Size	5kg tub
Colour	White
Product Code	QSC5KG
Used in conjunction with	QB50D QuelStop Fire Batt
Shelf Life	12 months when stored in cool, dry position.

Example of a QuelStop Ablative Coating being used in a service penetration detail:



Technical Support & Guidance:

Should you require any further information regarding this product, please do not hesitate to contact the technical department at Quelfire Ltd.

Tel: 0161 928 7308. Email: technical@quelfire.co.uk

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MATERIAL SAFETY DATA SHEET

Product name	Quelfire MW Mineral Wool Shuttering Slab
Product Code(s)	MW/SLAB
Revision Date	01/01/2021
Revision number	02

Section 1: Identification of the substance/mixture and of the company / undertaking

1.1. Product identifier

Product name	Quelfire MW Mineral Wool Shuttering Slab
Product Code	MW/SLAB

1.2. Relevant identified uses of the substance or mixture and uses advised against

Thermal insulation, acoustic insulation and fire protection in building construction applications.
No uses advised against for physical, health and environmental considerations as covered by REACH.
In terms of site use, the product shall be used in accordance with technical guidance published by Quelfire.

1.3. Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Springvale Industrial Estate Millbuck Way Sandbach CW11 3HT
Tel	0161 928 7308
Fax	0161 924 1340
Email	technical@quelfire.co.uk

1.4. Emergency telephone number

Emergency telephone number	0161 928 7308 (Office hours only)
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Section 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification under CLP	Not Classified
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2.2. Label elements

This product has no label elements

2.3. Other hazards

Use of a high-speed cutting tools can generate dust.
If in contact with constant heat >175°C, the binder will be slowly broken down.
Further information can be found in section 8

Section 3: Composition/information on ingredients

MATERIAL SAFETY DATA SHEET

3.1. Substances

Substance	EC Id No.	REACH Reg No.	%	Classification, labelling and packaging (EU Regulation (CE) 1272/2008)
Stone wool ¹	926-099-9	01-211-947-2313-44	95 - 100	Not classified ²
Synthetic thermosetting polymer binder			0 - 5	Not classified
Mineral oil			0 - 0.5	Not classified
Silicon oil/ emulsion ³			0 - 0.5	Not classified

¹ Man made vitreous (silicate) fibres with random orientation with alkaline oxide and alkali earth oxide (Na₂O+K₂O+CaO+MgO+BaO) content greater than 18% by weight and fulfilling one of the Nota Q conditions of Regulation 1272/2008.

² Not classified H351 'suspected of causing cancer'. Stone wool fibres are not classified carcinogenic according to Nota Q of Regulation 1272/2008.

³ Silicon oil/emulsion is used in place of mineral oil in certain products such as preformed pipe sections.

3.2. Facing Materials

No data available

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact	If itching occurs, remove contaminated clothing and wash skin gently with cold water and mild soap.
Eye contact	Bathe the eye with running water for 15 minutes
Ingestion	Drink plenty of water if accidentally ingested.
Inhalation	Remove from exposure. Rinse the throat and clear dust from airways.

4.2. Most important symptoms and effects, both acute and delayed

The mechanical effect of coarse fibres in contact with the throat, skin or eyes may cause temporary itching/irritation.

4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment	None required. If any adverse reaction or discomfort continues from any of the above exposures, seek professional medical advice.
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Section 5: Fire-Fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Water, foam, CO ₂ and dry powder
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	Use normal body and respiratory protection for fire
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5.3. Advice for fire-fighters

Advice for fire-fighters	The unfaced product is non-combustible, some packaging materials or facings may however be combustible.
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

MATERIAL SAFETY DATA SHEET

Refer to section 8 'Exposure controls/ personal protection'.

6.2. Environmental precautions

Environmental	None required
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6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Vacuum cleaner or dampen with water spray prior to sweeping up.
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6.4. Reference to other sections

Refer to section 8 'Exposure controls/ personal protection' & Section 13 'Waste Disposal'

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements	No specific measures. Preferably use a knife for cutting. If a power tool is used, provide effective dust extraction. Ensure adequate ventilation of workplace. Avoid unnecessary handling of unwrapped product
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Product should be kept dry
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7.3. Specific end use(s)

Specific end use(s)	No data available
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Section 8: Exposure controls/personal protection

8.1. Control parameters

Workplace exposure limit (WEL) 5mg/m³ gravimetric measure (total inhalable dust) and 2 fibres/ml airborne fibre limit, 8-hour time weighted averages. HSE Guidance assumes that the gravimetric measure would be reached before the fibre measure. (Ref. HSE EH40).

8.2. Exposure controls

Engineering measures	No specific requirements
Respiratory protection	When working in unventilated areas or during operations which can generate emission of various dusts, wearing a disposable face mask in accordance with EN 149 FFP1 is recommended. At high temperatures not usually found in building construction (>175°C), the product binder will slowly decompose, and trace gases will be released. When high temperature appliances are first put into service, gases could be vented to control exposure to fumes or appropriate respirators used.
Hand protection	Use gloves conforming with EN 388 to avoid itching.
Eye protection	Wear goggles if working above shoulders or where there is heavy dust development. Eye protection to EN 166 is advised.
Skin protection	Cover exposed skin

MATERIAL SAFETY DATA SHEET

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Colour	Grey-Green
Odour	Odourless
pH	Not relevant
Melting point	>1000°C
Initial boiling point and range	Not relevant
Flash point	Not relevant
Evaporation rate	Not relevant
Flammability	Not relevant
Upper/ lower flammability or explosive limit	Not relevant
Vapour pressure	Not relevant
Vapour density	Not relevant
Relative density	140 kg/m ³
Solubility (ies)	Generally, chemically inert and insoluble in water
Partition coefficient n-octanol/ water	Not relevant
Auto-ignition temperature	Not relevant
Decomposition temperature	When heated to 175°C for the first time, release of binder decomposition products occurs
Viscosity	Not relevant
Explosive properties	Not relevant
Oxidising properties	Not relevant

9.2. Other information

No data available

Section 10: Stability and reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions

10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Not reactive

10.4. Conditions to avoid

MATERIAL SAFETY DATA SHEET

None specified

10.5. Incompatible materials

None specified

10.6. Hazardous decomposition products

When heated to 175°C for the first time, release of binder decomposition products occurs

Section 11: Toxicological information

11.1. Information on toxicological effects

Acute toxicity	Not classified
Irritation	In case of coarser fibres there can be mechanical effects on the skin, upper respiratory system (mucous membranes) and eyes that can cause temporary, self-fading effects (e.g. itching). No chemical effects ensue
Corrosivity	No corrosivity
Sensitisation	No sensitisation
Repeated dose toxicity	No repeated dose toxicity
Carcinogenicity	None. Owing to its high bio-solubility, the fibre used in stone wool insulation materials is assessed as free from suspicion of possible carcinogenic effects in accordance with Regulation (EC) No 1272/2008 (ref. Nota Q). In October 2001, the international Agency for Research on Cancer (IARC) classified stone wool insulation as Group 3 (not classifiable as to its carcinogenicity in humans) i.e., not suspected of causing cancer in humans.
Mutagenicity	No mutagenicity
Toxicity for reproduction	No toxicity for reproduction

Section 12: Ecological information

12.1. Toxicity

None. This product is not expected to cause harm to animals or plants during normal conditions of use. Stone wool is principally made from non-scarce rock material and recycled stone wool.

12.2. Persistence and degradability

None

12.3. Bioaccumulative potential

None

12.4. Mobility in soil

None

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT/ vPvB substance

12.6. Other adverse effects

Relying on entrapped air for its thermal properties, the product does not, and never used blowing agents with Ozone depleting potential or Global Warming Potential.
No flame retardants are added.

Section 13: Disposal considerations

13.1. Waste treatment methods

☎ 0161 928 7308

✉ sales@quelfire.co.uk

🌐 www.quelfire.co.uk

MATERIAL SAFETY DATA SHEET

This product is recyclable. MW shuttering slab insulation is classified as non-hazardous waste and is covered by the non-hazardous entry '17 06 04 insulation materials other than those mentioned in 17 06 01 and 17 06 03' in the European waste catalogue, established by EC Decision 2000/532/EC (hazardous waste). Under landfill regulations MX shuttering slab insulation is categorised as 'waste accepted at landfills for non-hazardous waste' in accordance with EC decision 2003/33/EC (landfill acceptance criteria).

Section 14: Transport information

This product does not require a classification for transport

14.6. Special Precautions for user

Overland Transport	Not Applicable
Transport by sea	Not Applicable
Air transport	Not Applicable
Inland waterway transport	Not Applicable
Rail transport	Not Applicable

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

The overall conclusion in accordance with the CLP, GHS and REACH regulations is that there are no hazardous classifications associated with MW shuttering slab fibres in respect to physical, health and environmental aspects.

15.2. Chemical Safety Assessment

Chemical Safety Assessment No chemical safety assessment has been carried out

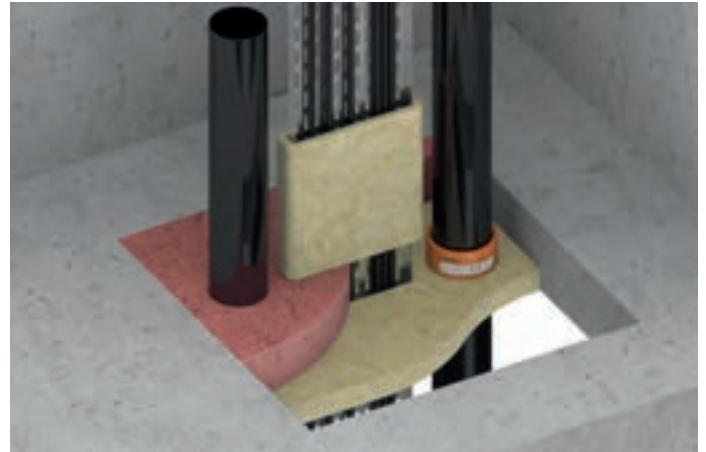
Section 16: Other information

Other information	<p>This safety data sheet is prepared in accordance with Annex II to Regulation (EC) No 1907/2006 (REACH), as amended by Commission Regulation (EU) No 2015/830.</p> <p>Although REACH Regulations do not require a safety data sheet to be provided for stone wool insulation, this format has been used to provide a standardized health and safety information.</p> <p>The MW shuttering slab is made of fibres exonerated from classification as a carcinogen in accordance with Regulation (EC) No.1272/2008 (ref. Nota Q)</p>
Legal disclaimer	<p>The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.</p>

Quelfire MW Mineral Wool Shuttering Slab provides a simple means of shuttering to Quelfire Fire Protection Compounds.



MW Mineral Wool Shuttering Slab



Indicative cross section detail of MW Mineral Wool Shuttering Slab used in conjunction with QF2 Fire Protection Compound

FEATURES & BENEFITS

- 🔧 An easy to install shuttering system for the fire protection compounds
- 📏 1200 x 600 x 50mm slabs
- 🔪 Easily cut with a knife or saw
- 🔧 Allows friction fitting into penetrations

COMPOSITION

Quelfire MW Mineral Wool Shuttering Slab is a non-combustible mineral wool batt which will provide increased fire resistance when used as a shutter for fire protection compounds. It is easy to cut facilitating installation around services and is used as a fire resistant permanent or temporary shuttering to all types of fire protection compound.

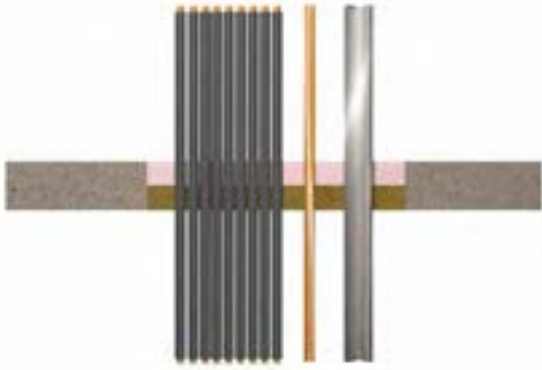
APPLICATION / INSTALLATION

Solid floor penetrations:

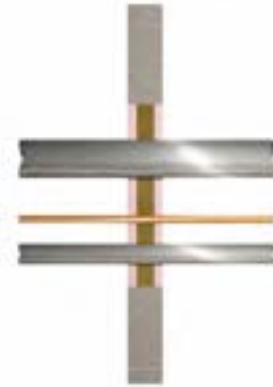
Quelfire MW Shuttering Slab should be cut to suit the penetration slightly oversize and around all penetrating services so when installed it will be a good friction fit. The MW Slab should be positioned towards the bottom of the hole so that the correct depth of Fire Protection Compound can be installed on top – normally a minimum of 100mm but this should be checked in accordance with the test evidence and recommendations. Consideration should be given to any necessary temporary or permanent support that may be required. Once secure any necessary closure devices such as wraps may be installed around the services and the Fire Protection Compound poured on top of the MW Shuttering Slab. Once the Fire Protection Compound has cured, the shuttering slab may be removed or cut back so that the fire seal is visible.

Solid wall penetrations:

Quelfire MW Shuttering Slab should be cut to suit the penetration, slightly oversize and around all penetrating services so when installed it will be a good friction fit. The MW Slab should be positioned in such a way that the correct depth of Fire Protection Compound can be installed within the overall seal, in accordance with the test evidence for the Fire Protection Compound, this may be to both sides of the shutter, or to one side only. Once the shutter is complete and secure, any necessary closure devices such as wraps may be installed around the services and the Fire Protection Compound rendered to the MW Shuttering Slab.



Floor cross section of MW Mineral Wool Shuttering Slab used in conjunction with QF2 Fire Protection Compound



Wall cross section of MW Mineral Wool Shuttering Slab used in conjunction with a Fire Protection Compound

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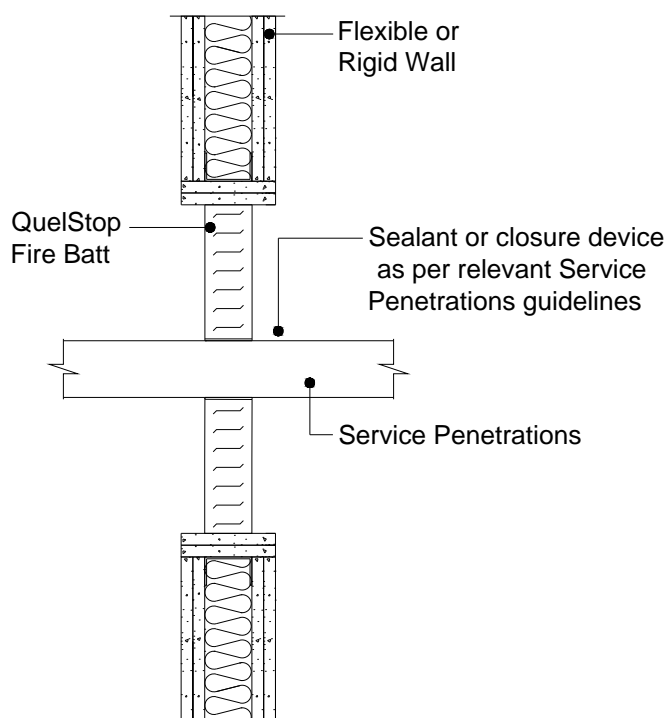
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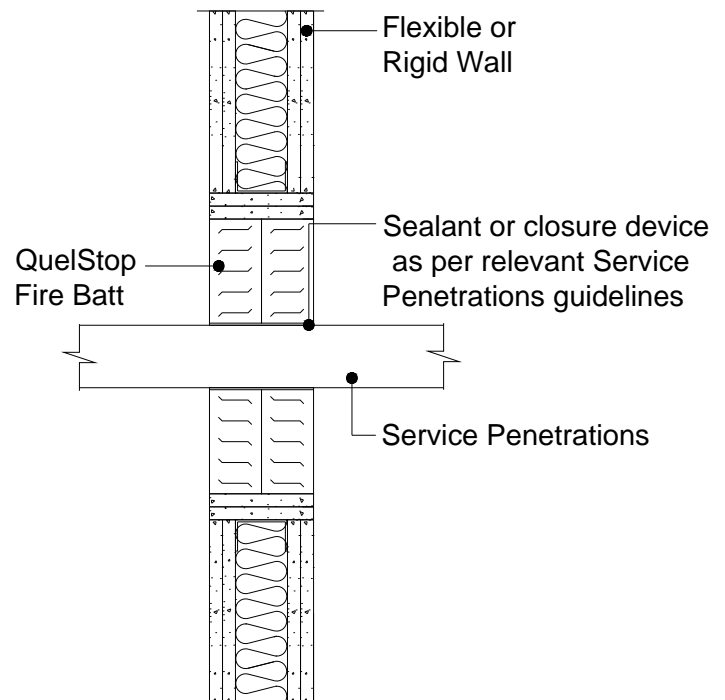
WALL INSTALLATION: SINGLE QUELSTOP FIRE BATT

1. Make sure that the area within the aperture is clean of any debris and remove dust from all edges.
2. Cut QuelStop Fire Batt to the size and shape required to fit the aperture, ensuring the QuelStop Fire Batt will have a tight fit within all the edges of the aperture.
3. Cut holes in the QuelStop Fire Batt to accommodate the penetrating services. (Follow the relevant guidance suitable for the type and size of service)
4. Cut the QuelStop Fire Batt across its width at the midpoint of each hole to allow the QuelStop Fire Batt to be fitted into the aperture around the services.
5. Apply QuelStop Intumescent Acrylic Sealant around the perimeter in the centre of the aperture where the batt is to be installed.
6. Apply QuelStop Intumescent Acrylic Sealant to all edges, cuts and joints of the QuelStop Fire Batt including the service penetration hole unless QuelStop HPE Sealant is required. (Follow the relevant guidance suitable for the type and size of service) Use a spatula to smooth the QuelStop Intumescent Acrylic Sealant evenly to cover over the entire thickness of the QuelStop Fire Batt.
7. Insert the section of the QuelStop Fire Batt into the aperture around the services.
8. Apply a bead of QuelStop Intumescent Acrylic Sealant to all joints and the perimeter on both sides of the seal ensuring all gaps are fully filled and sealed. Use a spatula to smooth off. Repeat on the other side of the seal.
9. Follow the relevant guidance for the correct Quelfire Sealant or closure device depending on the type and size of the services penetrating the QuelStop Fire Batt.
10. Apply QuelStop Ablative Coating to repair any damage to the QuelStop Fire Batt coating that may have occurred during installation. Repeat on the other side of the seal.



WALL INSTALLATION: DOUBLE QUELSTOP FIRE BATT

1. Make sure that the area within the aperture is clean of any debris and remove dust from all edges.
2. Cut QuelStop Fire Batt to the size and shape required to fit the aperture, ensuring the QuelStop Fire Batt will have a tight fit within all the edges of the aperture.
3. Cut holes in the QuelStop Fire Batt to accommodate the penetrating services. (Follow the relevant guidance suitable for the type and size of service)
4. Cut the QuelStop Fire Batt across its width at the midpoint of each hole to allow the QuelStop Fire Batt to be fitted into the aperture around the services.
5. Apply QuelStop Intumescent Acrylic Sealant around the perimeter in the centre of the aperture where the batt is to be installed.
6. Apply QuelStop Intumescent Acrylic Sealant to all edges, cuts and joints of the QuelStop Fire Batt including the service penetration hole unless QuelStop HPE Sealant is required. (Follow the relevant guidance suitable for the type and size of service) Use a spatula to smooth the QuelStop Intumescent Acrylic Sealant evenly to cover over the entire thickness of the QuelStop Fire Batt.
7. Insert the section of the QuelStop Fire Batt into the aperture around the services.
8. Apply a bead of QuelStop Intumescent Acrylic Sealant to all joints and the perimeter of the seal ensuring all gaps are fully filled and sealed. Use a spatula to smooth off.
9. Follow the relevant guidance for the correct Quelfire Sealant or closure device depending on the type and size of the services penetrating the QuelStop Fire Batt.
10. Repeat sections 1 – 9 for the second layer of QuelStop Fire Batt.
11. Apply QuelStop Ablative Coating to repair any damage to the QuelStop Fire Batt coating that may have occurred during installation. Repeat on the other side of the seal.



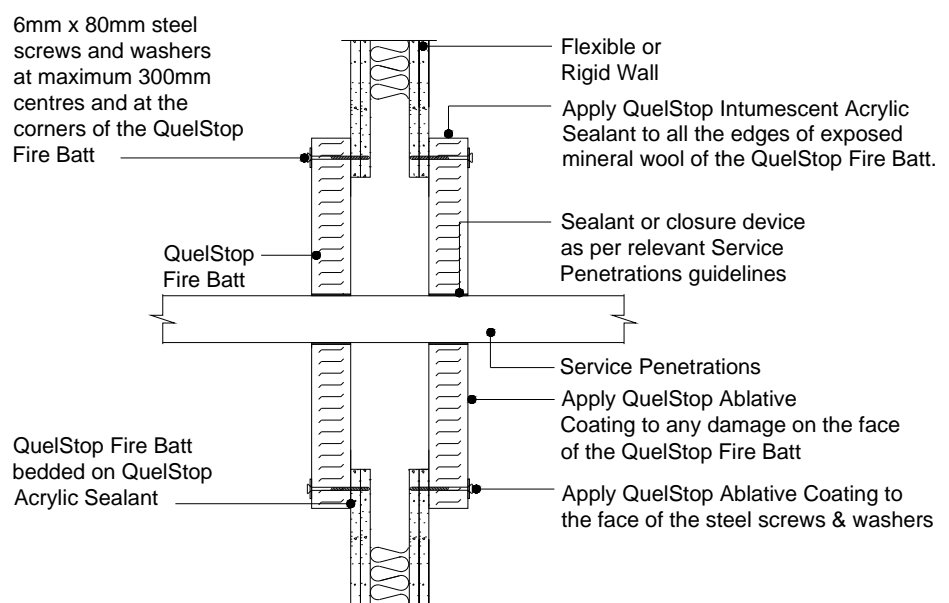
WALL INSTALLATION: PATTERN FITTED QUELSTOP FIRE BATT

1. Cut the QuelStop Fire Batt to the size and shape required to pattern fit the aperture, ensuring the QuelStop Fire Batt will overlap the aperture on all sides, typically by at least 50mm on all sides, except the bottom edge, which can be 30mm. (Please refer to test evidence for further guidance)
2. Cut holes in the QuelStop Fire Batt to accommodate the penetrating services. (Follow the relevant guidance suitable for the type and size of service)
3. Cut the QuelStop Fire Batt across its width at the midpoint of each hole to allow the QuelStop Fire Batt to be fitted around the services.
4. Apply QuelStop Intumescent Acrylic Sealant to all cuts and joints of the QuelStop Fire Batt including the service penetration hole unless QuelStop HPE Sealant is required. (Follow the relevant guidance suitable for the type and size of service) Use a spatula to smooth the QuelStop Intumescent Acrylic Sealant evenly to cover over the entire thickness of the QuelStop Fire Batt.
5. Apply a bead of QuelStop Intumescent Acoustic Sealant to the face of the wall around the opening of the aperture where the batt is to overlap.
6. Place the sections of The QuelStop fire batt onto the wall around the services. the QuelStop must be fixed to the wall using the following fixtures:

Flexible Plasterboard walls: 80mm Steel Screws with 25mm Steel retaining washer at maximum 300mm centres and in each corner of the seal. Ensuring the fixing is positioned in the centre of the overlap

Rigid Concrete/ Masonry Walls: 6mm x 100mm countersunk concrete screws with 25mm Steel retaining washer at maximum 300mm centres and in each corner of the seal. Ensuring the fixing is positioned in the centre of the overlap

7. Apply QuelStop Intumescent Acrylic Sealant to all the edges of exposed mineral wool of the QuelStop Fire Batt. Ensure any small gaps between the batt and substrate are fully filled with sealant. Use a spatula to smooth the QuelStop Intumescent Acrylic Sealant evenly to cover over the entire thickness of the QuelStop Fire Batt.
8. Follow the relevant guidance for the correct Quelfire Sealant or closure device depending on the type and size of the services penetrating the QuelStop Fire Batt.
9. Apply QuelStop Ablative Coating to repair any damage to the coating on the QuelStop Fire Batt that may have occurred during installation.
10. Apply QuelStop Intumescent Acrylic Sealant or Ablative Coating to the face of the screws and washers.
11. Repeat sections 1 – 10 for second layer of QuelStop Fire Batt on the other side of the wall.



FLOOR INSTALLATION: DOUBLE QUELSTOP FIRE BATT

1. Make sure that the area within the aperture is clean of any debris and remove dust from all edges.
2. Cut QuelStop Fire Batt to the size and shape required to fit the aperture, ensuring the QuelStop Fire Batt will have a tight fit within all the edges of the aperture.
3. Cut holes in the QuelStop Fire Batt to accommodate the penetrating services. (Follow the relevant guidance suitable for the type and size of service)
4. Cut the QuelStop Fire Batt across its width at the midpoint of each hole to allow the QuelStop Fire Batt to be fitted into the aperture.
5. Apply QuelStop Intumescent Acrylic Sealant to the perimeter of the aperture where the batt seal is to be installed.
6. Apply QuelStop Intumescent Acrylic Sealant to all edges, cuts and joints including the service penetration hole unless QuelStop HPE Sealant is required as a closure device. Follow the relevant guidance suitable for the type and size of service) Use a spatula to smooth the QuelStop Intumescent Acrylic Sealant evenly to cover over the entire thickness of the QuelStop Fire Batt.
7. Insert the section of the QuelStop Fire Batt into the aperture within the floor.
8. Apply a bead of QuelStop Intumescent Acrylic Sealant to all joints and the perimeter of the seal ensuring all gaps are fully filled and sealed. Use a spatula to smooth off.
9. Follow the relevant guidance for the correct Quelfire Sealant or closure device depending on the type and size of the services penetrating the QuelStop Fire Batt.
10. Repeat sections 1 – 9. for second layer of QuelStop Fire Batt.
11. Apply QuelStop Ablative Coating to repair any damage to the QuelStop Fire Batt coating that may have occurred during installation. Repeat on the other side of the seal.

Technical Support & Guidance:

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QuelStop Fire Batt is a coated mineral wool board used to reinstate the fire rating of wall and floor constructions where they have been penetrated by services.



QuelStop Fire Batt



QuelStop Fire Batt used in conjunction with QuelStop Intumescent Acrylic Sealant

FEATURES & BENEFITS

- Up to 2 hour fire rating
- Suitable for use in flexible walls, rigid walls and floors
- Suitable for use around cables, cable bunches, cable trays, cable ladders and non-combustible pipes
- Also suitable for use around plastic pipes and insulated non-combustible pipes with the addition of other Quelfire products
- Can be used as a blank seal as a head of wall detail
- Can be installed into both lined and unlined apertures in partitions walls
- Can be installed as a single or double batt seal
- Can be pattress fitted / face fixed to walls
- Tested with plasterboard ceilings and steel composite profile decks

SIZE

- 1200mm x 600mm, 50mm thick, 140kg/m³ density

STANDARDS & APPROVALS

- Fire resistance testing to BS EN 1366-3:2009
- EI30, EI90, EI120
- Classified to EN 13501-2: 2007 + A1: 2009
- Acoustic tested to EN 10140 up to 60dB
- CE Marked



The Warringtonfire Logo displayed is the trademark of Warringtonfire registered in the United Kingdom. The Warringtonfire Logo is evidence that the products denoted as 'Tested by Warringtonfire' were tested to BSEN 1366-3: 2009 in England between September 22nd 2015 and January 7th 2021.



This product is CE Marked.

APPLICATION

QuelStop Fire Batt is used to maintain the fire integrity of compartment walls or floors, typically where oversized holes have been formed for services. A single or double batt may be required depending on a number of factors and it can also be fitted as a pattress fit (or face fit) too.

QuelStop Fire Batt is always installed in conjunction with QuelStop Intumescent Acrylic Sealant which is applied to all cuts, joints and exposed edges.

Where combustible, non-combustible services and insulated services penetrate the QuelStop Fire Batt seal the following additional products may be required:

- 🔍 QuelCoil Intuwrap
- 🔍 QWR Fire Collar
- 🔍 QRS Fire Sleeve
- 🔍 QuelStop HPE Graphite Sealant
- 🔍 QuelStop Intumescent Acrylic Sealant
- 🔍 QIF Insulated Fire Sleeve
- 🔍 QI Intufoam

For full details on the size of seals, the spacing of services, batt overlap requirements, seal details etc refer to all available documentation, installation details and the Quelfire Technical team.

INSTALLATION

QuelStop Fire Batt can be installed in many different ways. In all cases the surfaces, letterbox and services must be clean of contaminants and dust free and the batt must be installed with QuelStop Intumescent Acrylic Sealant and in conjunction with the supporting documentation provided.

To give some idea of the scope of the system, some indicative installation details are:



QuelStop Fire Batt in a letterbox opening with multiple services used in conjunction with other Quelfire products including QuelStop HPE Sealant and QRS Fire Sleeves



QuelStop Fire Batt as a pattress (or face fit) installation used in conjunction with other Quelfire products including QuelCoil Intuwrap to insulated non-combustible pipes



QuelStop Fire Batt used in conjunction with QuelStop Intumescent Sealants



QuelStop Fire Batt in a wall penetration used in conjunction with QuelStop HPE Sealant to services.

PACKAGING & STORAGE

QuelStop Fire Batt is supplied as a 1200x600mmx50mm slab, individually wrapped in polythene and is usually shipped on a pallet and must be stored in dry conditions between +5 and +40C.

HEALTH & SAFETY

QuelStop Fire Batt is manufactured from stone wool insulation which consists of small fibres. Appropriate protective clothing, including gloves, dust mask, safety glasses, should be worn, especially during cutting and installation, to guard against dust inhalation, eye and skin irritation.

For further information, please refer to the Material Safety Data Sheet, available on request.

Technical Support & Guidance:

Should you require any further information regarding this product, please do not hesitate to contact the technical department at Quelfire Ltd.

Tel: 0161 928 7308. Email: technical@quelfire.co.uk

Please be aware that this document is intended for general information only and all details should be checked against all relevant supporting test evidence, certification and installation guidelines.

Use of alternative components or deviations from the instructions in any way is likely to mean that the installation will not comply with the assessed rating.

Quelfire Ltd does not accept responsibility for the consequences of using Quelfire products in applications or for purposes not authorised by Quelfire Ltd. Expert advice should be sought where such applications are contemplated.

The policy of Quelfire Ltd is one of constant improvement. Details are subject to change and/or withdrawal without notification therefore you must ensure this is the latest published documentation. Whilst Quelfire will endeavour to keep its publications up to date, the accuracy of the information contained within this document may be affected by pertinent changes in the law or regulatory requirements and alterations or amendments to the specification of Quelfire products.

All information contained in this document is given in good faith and is provided for guidance only. Any drawings provided are for illustrative purposes only. As Quelfire Ltd has no control over the methods or competence of installation and of prevailing site conditions, no warranties, expressed or implied, is intended to be given as to the actual performance of the product mentioned or referred to herein and no liability whatsoever will be accepted for any loss, damage or injury arising from the use of the information given. Full terms and conditions can be accessed at: <https://quelfire.co.uk/terms-conditions-of-sale/>

Notified body No. 2812

Certificate of constancy of performance

2812-CPR-JA5121

In compliance with *Regulation 305/2011/EU of the European Parliament and of the Council of 9 March 2011* (the Construction Products Regulation or CPR), this certificate applies to the construction product

Quelstop Fire Batt 50 Quelstop Fire Batt 60

Intended use: Penetration Seals

Essential characteristics	Performance according to	Technical specification
Reaction to fire	ETA 20/1201	EAD 350454-00-1104
Resistance to fire		
Dangerous substances		

Certificate of Constancy of Performance

2812-CPR-JA5121

Placed on the Market under the Name of

**QUELFIRE LTD
Unit 3 Millbuck Way
Springvale Industrial Estate
Sandbach
Cheshire
CW11 3HT**

and produced in the manufacturing plant

E/232

This is coded format and the information is held by the Notified Body

This certificate attests that all provisions concerning the Assessment and Verification of Constancy of Performance described in:

ETA 20/1201 issued 17/12/2020

And

EAD 350454-00-1104

Under System 1 for the performance set out in the ETA are applied and that the Factory Production Control conducted by the manufacturer is assessed to ensure the Constancy of Performance of the Construction Product.

This certificate was first issued on 23/11/2020 and revised on 21/07/2021 and will remain valid as long as neither the ETA, the EAD, the Construction Product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, or unless suspended or withdrawn by the Notified Product Certification Body.

Valid to: **15/06/2023**

ERO Project Reference: **ERO 034621 P1114**



Paul Duggan
Certification Manager

CSF406-NL 6.0

DECLARATION OF PERFORMANCE

According to Annex III of Regulation (EU) Nr. 305/2011 (Construction Products Regulation)

QUELFIRE QB50D – QUELSTOP FIRE BATT

- Unique identification code of the product-type:**
Quelfire QB50D QuelStop Fire Batt
- Type, batch or serial number as required pursuant to Article 11(4):**
See batch number displayed on the product
- Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification:**
Fire stopping and sealing product for penetration seals, see ETA 20/1201

Cable penetrations	Insulated & non insulated, cables, cable trays & cable ladders	The field of application has to comply with the content of the related ETA 20/1201
Pipe penetrations	Insulated & non insulated Plastic & metal pipes	The field of application has to comply with the content of the related ETA 20/1201

- Name, registered trade name or registered trademark and contact address as required pursuant to Article 11(5):** Quelfire Ltd, Unit 3, Millbuck Way, Springvale Industrial Estate, Sandbach, Cheshire, CW11 3HT, Tel: 0161 928 7308, Email: sales@quelfire.co.uk
- Authorised representative:** n.a.
- System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:** System 1
- Harmonised standard:** n.a.
- In the case of the declaration of performance concerning product covered by a Harmonised Standard and/or ETA:** Warrington Certification Ltd issued ETA 20/1201 Number on the basis of Guideline for European Technical Approval of Fire Stopping and Fire Sealing Products: EAD 350454-00-1104 Issue September 2017 performed initial and continuous surveillance of the place of manufacture and the factory production control implemented, sampled product and witnessed initial type testing under system 1 and issued the Certificate of Constancy of Performance 2812-CPR-JA5121
- Declared performance:**

Essential Characteristic	Declared performance/Harmonised technical specification
Reaction to fire	Class F according to EN 13501-1, See ETA 20/1201 Clause 3.1
Resistance to fire	Resistance to fire performance and field application in accordance with EN 13501-2 see ETA 20/1201, Clause 3.2
Air Permeability	Tested in accordance with BS EN 1314-1, see ETA 20/1201, Clause 3.3
Dangerous substances	See ETA 20/1201, Clause 3.5
Airbourne Sound Insulation	Tested in accordance with EN ISO 10140-2:2010 & EN ISO 140-3 & EN ISO 717-1, see ETA 20/1201, Clause 3.9 – Rw (C;Ctr) = 24(-2;-3)
Durability and serviceability	Z ¹ (0/+40°C) intended for use at internal conditions with high humidity (85%) in accordance with EAD 350454-00-1104 Issue September 2017, EOTA Technical Report – TR024 see ETA 20/1201, Clause 3.12

- The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 6. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.**

Signed for and on behalf of the manufacturer.



Keith Wells
Managing Director
Quelfire Ltd



Darryl Wells
Product Development
Quelfire Ltd

MATERIAL SAFETY DATA SHEET

Product name	QuelStop CE Marked Fire Batt
Product Code(s)	QB50
Revision Date	01/01/2021
Revision number	02

Section 1: Identification of the substance/mixture and of the company / undertaking

1.1. Product identifier

Product name	QuelStop CE Marked Fire Batt
Product Code	QB50S, QB50D

1.2. Relevant identified uses of the substance or mixture and uses advised against

Not applicable

1.3. Details of the supplier of the safety data sheet

Company Name	Quelfire Limited Springvale Industrial Estate Millbuck Way Sandbach CW11 3HT
Tel	0161 928 7308
Fax	0161 924 1340
Email	technical@quelfire.co.uk

1.4. Emergency telephone number

Emergency telephone number	0161 928 7308 (Office hours only)
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Section 2: Hazards Identification

2.1. Classification of the substance or mixture

Classification under CLP	Not Classified
Classification under CHIP	Not Classified

2.2. Label elements

This product has no label elements

2.3. Other hazards

This product is not identified as a PBT substance

Section 3: Composition/information on ingredients

3.1. Substances

Not applicable

3.2. Mixtures

No data available

Section 4: First aid measures

MATERIAL SAFETY DATA SHEET

4.1. Description of first aid measures

Skin contact	Wash skin with plenty of water
Eye contact	Bathe the eye with running water for 15 minutes
Ingestion	Wash out mouth with water
Inhalation	Consult a doctor

4.2. Most important symptoms and effects, both acute and delayed

Skin contact	There may be mild irritation at the site of contact
Eye contact	There may be irritation and redness
Ingestion	There may be irritation of the throat
Inhalation	There may be irritation of the throat with a feeling of tightness in the chest.
Delayed/ immediate effects	Immediate effects

4.3. Indication of any immediate medical attention and special treatment needed

Immediate/special treatment	Not applicable
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Section 5: Fire-Fighting measures

5.1. Extinguishing media

Suitable Extinguishing Media	Suitable extinguishing media for the surrounding fire should be used.
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5.2. Special hazards arising from the substance or mixture

Exposure hazards	In combustion emits toxic fumes
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5.3. Advice for fire-fighters

Advice for fire-fighters	Wear self-contained breathing apparatus. Wear proactive clothing to prevent contact with skin and eyes
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Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Refer to section 8 'Exposure controls/ personal protection'.
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6.2. Environmental precautions

Environmental	Do not discharge into drains or rivers.
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6.3. Methods and materials for containment and cleaning up

Clean-up procedures	Wash the spillage site with large amounts of water.
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6.4. Reference to other sections

Refer to section 8 'Exposure controls/ personal protection'

Section 7: Handling and storage

7.1. Precautions for safe handling

Handling requirements	Avoid the formation or spread of dust in the air
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7.2. Conditions for safe storage, including any incompatibilities

Storage conditions	Store in cool, well ventilated area.
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MATERIAL SAFETY DATA SHEET

7.3. Specific end use(s)

Specific end use(s)	No data available
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Section 8: Exposure controls/personal protection

8.1. Control parameters

No data available

8.2. Exposure controls

Engineering measures	Ensure there is sufficient ventilation of the area
Respiratory protection	Respiratory protective device with particle filter
Hand protection	Protective gloves
Eye protection	Safety glasses. Ensure eye bath is to hand.
Skin protection	Protective clothing

Personal protective equipment symbol(s):



Environmental exposure controls:

Avoid release to the environment.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State	Solid
Odour	Odourless

9.2. Other information

No data available

Section 10: Stability and reactivity

10.1. Reactivity

Stable under recommended transport or storage conditions
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10.2. Chemical stability

Stable under normal conditions

10.3. Possibility of hazardous reactions

Hazardous reactions will not occur under normal transport or storage conditions. Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Heat

10.5. Incompatible materials

MATERIAL SAFETY DATA SHEET

Oxidising agents. Strong acids

10.6. Hazardous decomposition products

In combustion emits toxic fumes

Section 11: Toxicological information

11.1. Information on toxicological effects

No data available

Section 12: Ecological information

12.1. Toxicity

No data available

12.2. Persistence and degradability

Biodergradable

12.3. Bioaccumulative potential

Not potentially Bioaccumulative

12.4. Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This product is not identified as a PBT substance

12.6. Other adverse effects

Negligible ecotoxicity

Section 13: Disposal considerations

13.1. Waste treatment methods

Regional legislation (waste)	Disposal must be done according to official regulations.
Waste treatment methods	Dispose of contents/ container in accordance with licensed collector's sorting instructions

Section 14: Transport information

This product does not require a classification for transport

14.6. Special Precautions for user

Overland Transport	Not Applicable
Transport by sea	Not Applicable
Air transport	Not Applicable
Inland waterway transport	Not Applicable
Rail transport	Not Applicable

Section 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

No additional information available

15.2. Chemical Safety Assessment

MATERIAL SAFETY DATA SHEET

Chemical Safety Assessment	No chemical safety assessment has been carried out
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Section 16: Other information

Abbreviations and acronyms	
ADN	European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways
ADR	European Agreement concerning the International Carriage of dangerous goods by Road
ATE	Acute Toxicity Estimate
BLV	Biological Limit Value
CAS-No.	Chemical Abstract Service Number
CLP	Classification Labelling Packaging Regulation; Regulation (EC) No 272/2008
EC-No.	European Community Number
EN	European Standard
IATA	International Air Transport Association
IMDG	International Maritime Dangerous Goods
NOEC	No-Observed Effect Concentration
PBT	Persistent Bioaccumulative Toxic
REACH	Registration, Evaluation, Authorisation and Restriction of Chemicals Regulation (EC) No 1907/2006
RID	Regulations concerning the International Carriage of Dangerous Goods by Rail
vPvB	Very Persistent and Very Bioaccumulative

Other information	This safety data sheet is prepared in accordance with Commission Regulation (EU) No 453/2010. *indicates text in the SDS which has changed since last revision.
Legal disclaimer	The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product.