

QUELSTOP CE MARKED INTUMESCENT ACOUSTIC ACRYLIC SEALANT

QuelStop CE Marked Intumescent Acrylic Sealant is a water-based intumescent acrylic used to provide a fire rated linear joint or gap seal, and to maintain the fire rating of walls and floors where they have been penetrated by services as part of the QuelStop Fire Batt System or direct to the substrate.



QuelStop CE Marked Intumescent Acrylic Sealant cartridges



QuelStop Intumescent Acrylic Sealant used as part of the QuelStop System

FEATURES & BENEFITS

- Used as a fundamental part of the QuelStop Fire Batt system
- Suitable for use around cables, cable bunches, cable trays, cable ladders and non-combustible pipes
- Suitable for use in flexible walls, rigid walls and floors
- Suitable for linear joints up to 50mm wide in concrete to concrete/steel/softwood
- Suitable for linear joints up to 20mm wide with gypsum board/steel headtrack
- Suitable for low movement joints and remains flexible - maximum movement capability is $\leq 7.5\%$
- Suitable for use around wooden fire door frames
- Up to 4 hour fire rating (EI240)
- CE Marked

STANDARDS & APPROVALS

- Fire resistance testing to BS EN 1366-3
- Fire resistance testing to BS EN 1366-4
- Classified to EN 13501-2
- CE Marked
- ETA: 17/0788 & ETA: 17/0789
- Acoustic tested to EN 10140 to 48dB
- Air Permeability testing to EN 1026 to 600Pa – 100Pa 0.0/0.0m³/h/m²
- VOC Tested – ASTM D2369-10, LEED 2009-EQ041 SCAQMD



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This product is CE Marked.

APPLICATION

QuelStop Intumescent Acrylic Sealant is a fundamental part of the QuelStop Fire Batt System and should be applied to all cuts, joints and exposed edges of the batt and can also be used for sealing around services such as cable, cable bundles, trays, ladders and non-combustible pipes, either as part of a seal directly within the wall substrate or as part of a QuelStop Fire Batt Seal.

QuelStop Intumescent Acrylic Sealant can also be used as a linear joint seal in a range of applications between concrete and concrete, steel or softwood and also to a gypsum board headtrack and around wooden fire door frames.



QuelStop CE Marked Intumescent Acrylic Sealant used in conjunction with QuelStop Fire Batt



QuelStop CE Marked Intumescent Acrylic Sealant used as a head of wall linear joint seal

INSTALLATION

All surfaces must be clean and free of any bond breaking contamination prior to application of the sealant.

The sealant should not be applied if the ambient temperature is below 5°C or above 35°C, as the adhesion may be impaired.

The sealant is fast curing, approximately 15 – 60 minute tack free time, depending on the temperature and humidity.

In linear joint applications, mineral wool or PE backing rod, can be used as a backing material to ensure the correct depth of QuelStop CE Marked Intumescent Acrylic Sealant is applied in order to achieve the required performance.

For full details on application and installation, refer to all available documentation, installation details and the Quelfire Technical team.

COLOURS

Available as standard in white. Other colours are available subject to M.O.Q.

SIZES

- 310ml cartridge (25 per box)
- 600ml foil pack (15 per box)

YIELD

Joint Size (mm)	Depth of Sealant (mm)	Yield per 310ml Cartridge (m)	Yield per 600ml foil (m)
10	10	3.10	5.90
20	15	1.03	1.95
30	20	0.51	0.95

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ADDITIONAL DATA

Slump	5mm after 1hour in 30mm joints	Application Temperature	+5°C to +35°C
Shrinkage	Approximately 12%	Tack Free	30 minutes at 23°C and 50% relative humidity
Cure Rate	3mm per day at 50% relative 23°C	VOC % Nonaqueous volatiles (105°C)	3.6
Specific Gravity	1.56 – 1.66 g/cm ³	Acoustic Rating	Up to Rw (C;Ctr) :63 (-2;-7) dB

PACKAGING AND STORAGE

QuelStop Intumescent Acrylic Sealant is supplied in disposable cartridges or foils, packaged in cardboard boxes and must be stored in ventilated, cool and dry conditions.

Recommended temperature ranges for storage and application are between +5 °C and +35 °C.

HEALTH & SAFETY

QuelStop Intumescent Acrylic Sealant should be handled and applied wearing appropriate protective clothing, including gloves, dust mask, safety glasses, 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.

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