

QUELSTOP CE MARKED INTUMESCENT 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.



QuelStop CE Marked Intumescent Acrylic Sealant Cartridge



QuelStop Acrylic Sealant used as a linear joint seal

FEATURES & BENEFITS

- Up to 4 hour fire rating (EI240)
- Suitable for use in flexible walls, rigid walls and floors
- Suitable for linear joints up to 50mm wide
- Suitable for use around cables, cable bunches, cable trays, cable ladders and non-combustible pipes
- Suitable for low movement joints and remains flexible
- Shelf life: 18 months

STANDARDS & APPROVALS

- Fire resistance testing to BS EN 1366-3:2009
- Fire resistance testing to BS EN 1366-4: 2006
- Classified to EN 13501-2: 2007 + A1: 2009
- 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



APPLICATION

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

Mineral Wool (min 80kg/m³) or PE backing rod, where required, 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.

The sealant should not be applied if the ambient temperature is below 5°C or above 40°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. When fully cured, the sealant can be overpainted if required.

QuelStop CE Marked Intumescent Acrylic Sealant is expected to last the lifetime of the building.

Used for sealing QuelStop Coated Fire Batts.

QUELSTOP CE MARKED INTUMESCENT ACRYLIC SEALANT






QuelStop Acrylic Sealant used in conjunction with QuelStop Fire Batt



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

SIZES

-  310ml cartridge (25 per box)
-  600ml foil pack (15 per box)
-  5kg tubs

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

ADDITIONAL DATA

Slump	5mm after 1 hour in 30mm joints	Application Temperature	+5°C to +40°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	1.52 – 1.62 g/cm ³	Acoustic Rating	Up to Rw (C;Ctr) :63 (-2;-7) dB

SAMPLE SPECIFICATION

Install QuelStop CE Marked Intumescent Acrylic Sealant to provide up to 4 hours fire protection in joints up to 50mm in all fire walls and floors. Installation to be in accordance with manufacturer's instructions.

TECHNICAL SUPPORT & GUIDANCE

Should you require any further information regarding this product, please don't hesitate to contact one of our specialists.