

FIRE

BritChem 



POCKET GUIDE

www.britchem.com



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Who we are

BritChem are an ISO 9001 certified sealant manufacturer specialising in premium quality Fire rated sealants, adhesives and coatings for over 20 years. BritChem are a part of the Hodgson Group, the UK's largest independent sealant manufacturer.

Based out of a modern 40,000 sq. ft. manufacturing plant in West Yorkshire, BritChem exports products to every continent.

"For me, customer focus means building genuine partnerships. At BritChem, I don't just see us as a sealant manufacturer - I see us as part of our customers' team. My priority is to listen, understand the unique pressures of each project, and work alongside our partners to deliver the right solution every time. The trust we earn and the long-term relationships we build are what really define our success"

Charles Hodgson CEO



What we do

At BritChem, we are proud to be a trusted private label partner, exclusively manufacturing sealants and adhesives for companies to sell under their own branding.

Our portfolio includes a comprehensive range of fire rated (FR) sealants, adhesives and coatings such as acrylic, silicone and hybrid. With flexible packaging options – including 290ml, 310ml and 380ml cartridges, 300ml, 400ml and 600ml foil sausages, and custom-sized pots and buckets, we can create tailored solutions to align with brand identity. We also have the added benefit of an in-house technical team, that customers can collaborate with to create innovative, new solutions that may not currently exist.

“Testing isn’t just a box to tick - it’s the assurance that our products will protect lives and buildings when it matters most.”

Jonathan Orman
Technical Manager



At BritChem, we perform stringent testing on every product to ensure the highest standards of safety and performance. From fire resistance to durability in demanding environments, our sealants are rigorously assessed against international benchmarks. This commitment to testing means our customers can rely on consistent quality and proven results on every project.

BASA
BRITISH ADHESIVES &
SEALANTS ASSOCIATION



FR Hybrid

Fire-Rated Hybrid tested to international fire standard BS EN 1366-4, maintaining integrity and insulation in fire conditions.

- Bonds to a wide range of substrates including concrete, masonry, metals, and plastics.
- Accommodates joint movement without cracking or loss of performance.
- Formulated with reduced emissions for safer application in enclosed spaces.
- Suitable for both interior and exterior fire-rated applications.
- Up to 4 hours integrity performance when installed in correctly constructed joints in solid walls.
- CE marked in accordance with EN 15651-1 facade and EN 15651-4 pedestrian walkways.

Packaging: 310ml & 380ml cartridges,
400ml & 600ml sausages.

FR Acrylic & Acoustic Sealant



BritChem FR & Acoustic Acrylic Sealant (12.5%) is a halogen free, polymer emulsion-based sealant that swells when subjected to temperatures in excess of 125°C and forms a char coat that restricts the passage of smoke and fire.

- Fire tested to the requirements of BS EN 1366-3 and BS EN 1366-4 (linear gap and penetration seals) and also successfully tested to the requirements of ETAG 026 Parts 2 & 3 (appendix A) to demonstrate durability.
- Classification of fire resistance data from test report FIRES-CR-199-16AUPE in accordance with BS EN 13501-2:2007 & A1:2009 when tested as penetration seals round metal pipes and cables according to BS EN 1366-3 in a flexible wall.
- BS EN 1634-1 2014 + A1 2018 – FD30 & FD60.
- BS EN ISO 10140-2. 2010 Measurement of airborne sound insulation of building elements.
- Sound Reduction Index of 55dB.
- VOC test report classification – M1 and Indoor Air Comfort GOLD®.
- Up to 4 hours integrity performance when installed in correctly constructed joints in solid walls & 90min in flexible walls.

**Packaging: 310ml & 380ml cartridges,
400ml & 600ml sausages.**



FR Ablative Coating

BritChem FR20 Fire Resistant Ablative Coating is designed for coating mineral fibre to prevent the spread of fire.

- The paint is a white, halogen free, water based emulsion polymer coating that is designed for coating mineral fibre batts used for fire stopping systems.
- It can also be applied as a final coat over joints, pipes, cables etc after the mineral fibre batts have been installed.
- The coating dries quickly and provides a durable finish.
- Easily applied by airless spray or brush.
- Capable of up to 180min fire performance in conjunction with a mineral fibre batt system.

Packaging: 5L, 10L & 20L buckets, 200L drums.

FR Graphite Sealant



BritChem Graphite Pressure Exerting Mastic is an intumescent firestop sealant that helps to prevent passage of fire and smoke.

- For use in service penetrations passing through fire rated walls.
- Provides up to 4 hours integrity and insulation when used correctly.
- Water based acrylic resin formulation that quickly dries on application to a flexible and cohesive sealant.
- Smoke, gas and water resistant.
- Can also be used for filling fissures and gaps in firewalls and floors.
- The dry mastic is paintable.
- Halogen free and water based; easy to clean.
- Designed for the sealing, in combination with mineral wool, of small to medium size penetrations of pipes and single or bunched cables in openings up to 300 cm².
- Can be used with plastic pipes, uninsulated and insulated metal pipes and bunched or cable tray supported cable penetrations.

Packaging: 310ml & 380ml cartridges, 400ml & 600ml sausages.



FR Silicone

BritChem Fire Resistant Silicone Sealant is a one-part silicone sealant formulated to provide a high degree of fire resistance in a variety of joint configurations.

- Independently tested and achieves, in certain joint configurations, an integrity and insulation value in excess of 4 hours.
- Exhibits excellent unprimed adhesion to most building components.
- Suitable for sealing a wide range of construction and expansion joints in buildings, where compartmentalisation within the building is required to control spread of fire.
- Cross-links at room temperature to give a flexible low modulus seal which will withstand movement of 25% in constant service throughout a wide temperature range.
- Meets ISO 11600 standard with the classification - ISO 11600-F&G-25LM.
- Tested to BS EN 1366 Part 4 at Warrington. (Copy of report available on request.)
- CE marked in accordance with EN 15651-1 fascade.

Packaging: 310ml & 380ml cartridges, 400ml & 600ml sausages.

Intumescent Putty Pads



BritChem Intumescent Putty Pads provide a fast, efficient, and clean method of achieving the required fire and acoustic ratings as required by Building Regulations Approved Document part E and B. It is designed for lining electrical socket boxes in all forms of wall construction in both commercial and residential buildings.

- Non-setting & flexible.
- Does not crack, harden or dry with age.
- Intumescent activates at 200°C, restricting passage of fire & smoke.
- Fire tested to BS476.
- Fire rated up to 2h within a solid wall construction.
- Sound tested to values between 55 & 62dB Rw.



Intumescent Putty Discs

BritChem Intumescent Putty Discs provide a fast, efficient, and clean method of achieving the required fire and acoustic ratings as required by Building Regulations Approved Document part E and B. It is designed for lining electrical socket boxes in all forms of wall construction in both commercial and residential buildings.

- Non-setting & flexible.
- Does not crack, harden or dry with age.
- Intumescent activates at 200°C, restricting passage of fire & smoke.
- Fire tested to BS476.
- Fire rated up to 2h within a solid wall construction.
- Sound tested to values between 55 & 62dB Rw.



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