

# PROTECTA® FR GRAPHITE

Protecta® FR Graphite is a waterbased, fire classified sealing compound which contains a high concentration of heat expanding graphite material. It also has a shelf life of 18 months.

Protecta® FR Graphite is a high specification formulation designed to prevent the spread of fire, smoke and gases through openings in fire rated walls and floors. Protecta® FR Graphite expands when it is subjected to fire and closes openings around penetrations when any combustible or low temperature melting materials have burnt away. Protecta® FR Graphite is designed to fire seal difficult services which traditional fire rated mastics do not achieve such as large plastic pipes.

## Main Uses

The intended use of Protecta® FR Graphite is to reinstate the fire resistance performance of flexible and rigid wall, and floor constructions where they are penetrated by various steel and plastic pipes, cables with and without cable trays.

## BENEFITS:

- PRESSURE EXERTING INTUMESCENT
- CLOSES AND SEALS LARGE PIPES
- CLOSES AND SEALS LARGE CABLES AND CABLES BUNCHES



CONSTRUCTION



ECO-FRIENDLY



PAINTABLE



EASY CLEAN UP



FIRE RATED



SOUND RESISTANT



MULTIPLE SUBSTRATES



QUICK DRYING



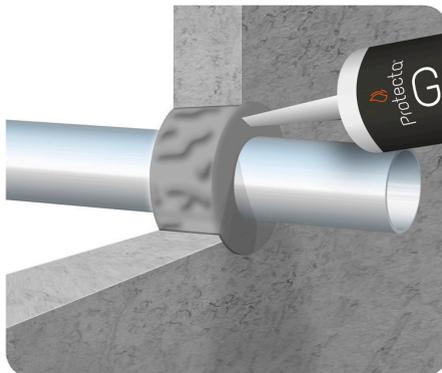
For concrete, brick & gypsum  
Sealing cables & plastic pipes  
Tested to en 1366-3  
Up to 4 hours fire resistance

## PASSIVE FIRE PROTECTION

  
Protecta®

The best choice to protect against  
the spread of fire

# PROTECTA® FR GRAPHITE



Certificate no.  
UL-EU-00914



ETA 14/0242

## FIRE AND SOUND RESISTANT

Protecta® FR Graphite is a pressure exerting, aperture closer sealant designed to expand on contact of fire/excessive heat. It is resistant not just to the passage of fire, but also the ever more prevalent issue of sound insulation and attenuation. Using Protecta® FR Graphite, reductions of up to 53dB can be achieved with only a 25mm depth within single sided solid construction substrate, this is higher than most acoustic sealants in the marketplace today.

## CE-MARKED

Protecta® FR Graphite has undergone hundreds of tests, achieving the markets best (ETA) European Technical Assessment possible, this is necessary to be awarded with the CE mark. The ETA provides information about the performance of the product in relation to its essential characteristics and ensures that all testing standards are achieved. All of this is done prior to the CE mark is awarded and this accreditation positions our products as one of the best not only within Europe but Globally.

## ECO AND USER FRIENDLY

Protecta® FR Graphite uses unique technology and chemistry to achieve the lowest emission and VOC achievable within the sealant sector. Falling well within the GEV requirements. The results achieved comply with EMICODE emission class EC 1<sup>PLUS</sup> which is the best environmental and indoor health protection standard achievable.

Contact Details:

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Protecta®

The best choice to protect against  
the spread of fire