

## Professional Passive Fire Protection

### Product Range

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- S290 Acoustic Intumescent Sealant
- S291 Intumescent Pressure Sealant
- Socket Box Protection
- Pipe Wraps
- Pipe Collars
- FR Mineral Wool Board



#### DISTRIBUTOR

#### Kestral Construction Products

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## Professional Passive Fire Protection

# S290 Acoustic Intumescent Sealant



**Air - Sound - Fire**



## S290 Acoustic Intumescent Sealant

ASF S290 Acoustic Intumescent Sealant is a one part fire stopping gun grade joint sealant. Emulsion acrylic based it gives a firm yet flexible seal to joints in a variety of fire rated structures. It will not support combustion and when subjected to heat, chars and intumesces preventing the spread of smoke and fire through the joint.



ASF S290 Acoustic Intumescent Sealant is designed for sealing joints, voids and irregular holes in fire walls, floors, partitions and other structures

and for maintaining their integrity when sealing around pipes and cables that penetrate them. It is also ideally suited for internal perimeter pointing of fire rated door and window frames.

- 4 hour rating
- Versatile one product solution
- Tested in accordance with:

[BS476-Part 20:1987 - fire rating](#)

[BSEN 1366-3 - fire rating](#)

[BSEN ISO 717-:1997 - acoustic rating](#)



Certificate of Approval No. CF829

[www.warringtonfire.net/certifire](http://www.warringtonfire.net/certifire)

The following fire ratings have been achieved in controlled test work\*

Joint Substrates	Orientation	Integrity (minutes)	Insulation (minutes)
Masonry/Masonry	Wall Joint	240	240
Masonry/Masonry	Floor Joint	240	180
Gypsum Drywall	Wall Joint	120	120
Gypsum Drywall	Penetration	120	120
Concrete Floor	Penetration	240	240

The above results show typical integrity levels of the product in a fire situation, however, each joint situation will have different characteristics and therefore different fire ratings. In general it has been found that a greater depth of sealant will provide greater integrity and that the use of a double seal i.e. sealant applied at both external faces of a joint will increase values further.

\*A full approval of the product is contained in Certifire Certificate of Approval No. CF 829

The Certifire report details tests carried out on the material when tested against the performance criteria of BS476: part 20 and BSEN 1366-3 with additional guidelines from BSEN 1366-4

Technical Data	
Form:	Ready to use thixotropic paste
Specific Gravity:	1.60 - 1.64
Flashpoint:	None
Tack Free Time:	60 minutes maximum
Skin Time:	20 minutes maximum
Solids Content:	80% minimum
Movement	Low to medium 12.5% butt joints
Shelf Life:	Up to 12 months when stored in unopened cartridges under cool dry conditions. Avoid temperatures above 30°C & below 5°C
Compatibility:	Can be used in contact with most building and decorating materials.
Classification:	Sealant ISO 11600 - F - 12,5P
Acoustic Rating	40(-3;-8)dB Rw(C;CTr) BS EN ISO 717-1:1997

ASF S290 Acoustic Intumescent Sealant is available in 310ml & 380ml rigid plastic cartridges, 600ml aluminium foil sausages, and 830ml jumbo cartridges.