

## FS719

### HP Blue for CPVC

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#### Description

FS719 HP Blue for CPVC is a unique sealant developed specifically for CPVC materials. The product has a distinctive blue colour for easy visual identification and traceability. FS719 is FBC™ System Compatible\*, for use around FlowGuard®, BlazeMaster®, Corzan®, etc.



#### Features and Benefits

- Up to 2 hours fire resistance - Tested to EN 1366-3
- FBC™ System Compatible\*
- Versatile & easy to apply
- Blue colour makes it easily identifiable
- Can be used with FB750 Intubatt and FR230 Intucompound
- Tested in openings direct to substrate, flexible and rigid partitions as well as CLT

#### Usage Purpose

FS719 is used to reinstate the fire performance of compartment lines (walls & floors) which have been breached by CPVC combustible sprinkler systems or other CPVC systems.

The product remains inert until exposed to a specific temperature. At this point FS719 will expand and seal the gap left by the now absent (melted) CPVC sprinkler pipe.

Tested for use around 1", 2" and 3" Internal Diameter CPVC pipes (33mm to 90mm External Diameter) through flexible & rigid walls, CLT walls and floors, and rigid floors.

FS719 may be used:

- direct within substrate (plasterboard, blockwork, concrete, CLT)
- within FB750 Intubatt
- within FR230 Intucompound

FS719 must be installed in full accordance with our testing methods and recommendations.

Typical areas of use include: health and leisure facilities, schools, universities, modular construction, commercial buildings, hospitals, retail and industrial units, train stations, nuclear power plants, etc...

#### Packaging

310 ml cartridges (25 per box)

#### Available Colour

Blue



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#### Storage

Store in shaded dry conditions between +5°C and +35°C

#### Technical Characteristics

Viscosity		Thixotropic
Composition		Water-based graphite sealant
Acoustic Rating		Up to 66 dB
Cure Rate	+20°C / 50% RH	1 mm/day
Specific Gravity	ISO 1183-1	~ 1.33
Skin Formation Time	+23 °C / 50 % RH	40 to 60 minutes
Application Temperature		+5°C to 60°C
Shore A Hardness	ISO 868	~ 80
Service Temperature		-25°C to +70°C
Storage		Store in dry shaded conditions between +5°C and +35°C
Shelf Life		9 months when stored as recommended in original unopened containers.

#### Substrate Preparation

All surfaces must be clean and sound, free from dirt, grease and any other contamination. Cleaning materials used must be approved & recommended by the CPVC pipes manufacturer.

#### Necessary Tools

Sealant caulking gun  
Sealant profiling tool/spatula

#### Protective Equipment

Ensure all recommended protective equipment is worn during handling & use of this product. For full recommendation, refer to safety data sheet.

#### Preparation

All installers should have received training on the correct handling procedures required by the manufacturers of CPVC pipes on their products.

Check FS719 specification is suitable for substrate, fire rating, annular space and seal depth.

#### Application

Insert required backing material (foamed polyolefin - polyethylene non-oiled - or rock mineral wool, as per application



## Technical Data Sheet

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instructions), oversized to opening to ensure stability, to provide correct depth of seal.

Using a suitable tool, open cartridge and cut nozzle of cartridge to bead size and angle required.

Gun sealant into gap to required depth by applying an even pressure to the trigger.

Work and tool to a smooth finish immediately with a wet profiling tool or spatula.

**Tool Cleaning**

Immediately remove all excess sealant before cure. Clean tools in warm water. Cured sealant can only be removed mechanically.

**Please Note**

This product is tested for use only around CPVC pipes.

The product may function on other pipe types, but is not tested for such materials and should not be used as a general fire stopping product.

Sprinkler system design must include allowances for CPVC thermal expansion at the point of interface with FS719. It must be installed in full accordance with all manufacturers' recommendations and storage condition guidance. The design of the sprinkler system should consider all local heat sources (close to the sprinkler system), other services (should be prevented from touching the sprinkler system), and building deflection that may have a long term detrimental effect and cause stress fractures on the sprinkler system if not considered in the design.

FF197 Fire Rated PU Foam may not be used as a backer material with FS719 around CPVC pipes.

The materials recommended on this TDS are as approved by Lubrizol and are correct as of the day of publication.

When used within FB750, care should be taken to avoid any contact with any other sealant type required for application from coming into contact with CPVC.

\*FBC™ System Compatible indicates that this product has been tested, and is monitored on an ongoing basis, to assure its chemical compatibility with FlowGuard Gold®, BlazeMaster® and Corzan® piping systems and products made with TempRite® Technology. The FBC System Compatible Logo, FBC™, FlowGuard Gold®, BlazeMaster®, Corzan®, and TempRite® are trademarks of Lubrizol Advanced Materials, Inc. or its affiliates.

Visit [fbcsystemcompatible.com](http://fbcsystemcompatible.com) for additional information.

For manufacturers of CPVC pipes other than Lubrizol, a plain non-adhesive foil barrier should be used preventing contact from any sealant interacting with the pipe material. This barrier should be evident through the seal and extending a minimum of 50mm beyond each face of the seal.

**Maintenance**

No maintenance required after installation. Routine inspection recommended to ensure no damage to the system.

**Guarantee / Warranty**

Tremco CPG UK Limited products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco CPG UK Limited written instructions and (b) in any application recommended by Tremco CPG UK Limited, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct.



Technical Data Sheet

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Tremco CPG UK Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.

It is a requirement of the installer to ensure suitability and compatibility of all elements before installation commences and that compliance can be achieved as required.

### **Health And Safety Precautions**

Safety data sheet must be read and understood before use.

### **Technical Service**

Tremco CPG UK Limited has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400



Tremco CPG UK Limited  
Coupland Road, Hindley  
Green  
Wigan, WN2 4HT  
United Kingdom  
+44 (0)1942 251400  
hello@tremcocpg.com