



passive fire protection and insulation

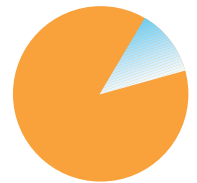
Suppliers of passive fire products,
acoustic and specialist insulation
Manufacturers of the Safire® Fire Stopping Range

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|----------|------|
| Uniclass | EPIC |
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Flamestop Multi-Collar



30-120
mins



an accessory
product for use
specifically with
Flamestop 60 and
Flamestop FSI
fire curtains

APPLICATION

Flamestop Multi-Collar is a high temperature woven glassfibre textile collar. It is used to ensure integrity and insulation at penetrations through main curtains of Flamestop 60 and Flamestop FSI. Flamestop Multi-Collar ensures that the barrier is complete and integrated, completing the seal at the penetration point.

USEAGE

with Flamestop60

The Multi-Collar is used as a seal around the penetration to prevent smoke and flame migration.

with Flamestop FSI

This is an insulation product, and to maintain insulation performance at penetrations it is required to wrap any perishable pipe or service with the same insulation material as the main barrier/curtain it penetrates.

Multi-Collar enables insulated pipes and services to be fully closed at the penetration point and integrated into the main fire curtain barrier.



Flamestop Multi-Collar

FITTING

To Metal Pipe Penetrations:

1. Cut the collar to a suitable length to enclose the circumference of the pipe, allowing a minimum 50mm overlap for stapling.
2. Pleat the main fire curtain horizontally at both sides of the penetration cut.
3. Wrap the fire collar tight around the pipe and staple the overlaps at 100mm centres.
4. Slide the collar against the curtain and staple the collar to the pleat in the main fire curtain.
5. Use Safire High Temperature Adhesive to adhere unstapled faces of the collar to the main curtain. Seal any other gaps with silicone sealant or mastic.

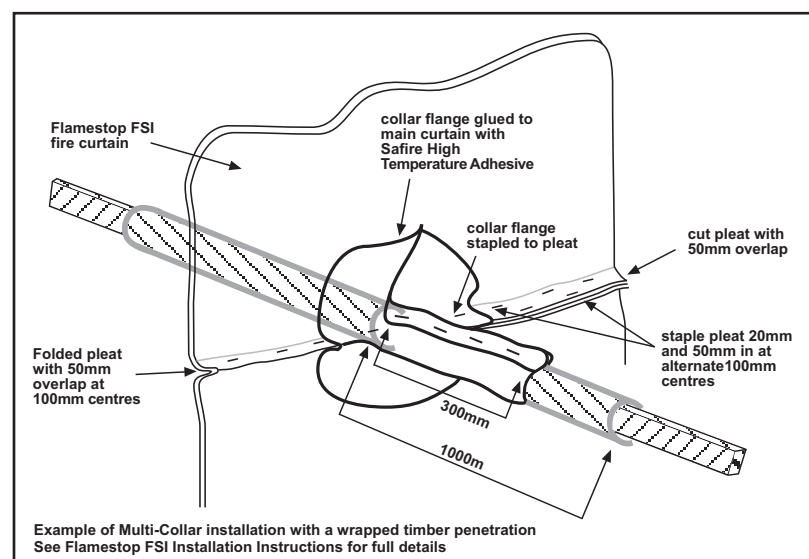


Supplied as 10m roll x 300mm wide, with sewn-in collar for ease of fixing to curtain.

Installation is by wrap and staple around insulated pipe/service, and then adhering to main curtain at pleat with High Temperature Adhesive. Gaps are sealed with Safire Silicone Sealant or Intumescent Mastic.

To Plastic Pipe or Timber Penetrations:

1. ***IMPORTANT*** - wrap the penetration for 1000mm **both sides** of the fire curtain using the same insulated material as the fire curtain (normally Flamestop FSI). The Flamestop material should be wrapped tightly allowing a 50mm overlap for stapling at 100mm centres.
2. Cut the Multi-Collar to a suitable length to enclose the circumference of the wrapped service, allowing a minimum 50mm overlap for stapling.
3. Pleat the main fire curtain horizontally at both sides of the penetration cut.
4. Wrap the Multi-Collar tight around the insulated service and staple the overlaps at 100mm centres.
5. Ensure the insulated wrap firmly abuts the main fire curtain, then slide the collar against the curtain and staple the collar to the pleat in the main fire curtain.



6. Use Safire High Temperature Adhesive to adhere unstapled faces of the collar to the main curtain. Seal any other gaps with silicone sealant or mastic.

For full examples of Flamestop and Multi-Collar installations, see Flamestop Installation Instructions, available for download from the Flamestop FSI or Downloads pages of our web site

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