

Unlocking the Power of FIREFLY Passive Fire Protection solutions for the HVAC Industry - Resolving the challenge of Nitrile lagged pipes

Advancing HVAC safety with innovative solutions

We're thrilled to announce an innovative solution tailored to the HVAC industry: Passive fire systems that safeguard up to ten nitrile rubber-lagged copper pipes in both vertical and horizontal configurations. Designed for flexibility and cost efficiency, these solutions are crafted to meet the unique demands of HVAC professionals seeking robust, adaptable fire safety measures.

The core of the FIREFLY solution: A resilient trio

At the heart of this breakthrough is the dynamic synergy between FIREFLYStrap, FIREFLYMastic HP, and FIREFLYPenowrap. Together, they form a formidable barrier against flames:

FIREFLYPenowrap Known for its insulation prowess, this versatile wrap becomes a critical fire-resistant layer when paired with FIREFLYStrap.

FIREFLYStrap Securely fastens the Penowrap to services, ensuring seamless protection.

FIREFLYMasticHP Fills every gap, sealing the system to maximize fire resistance levels (FRLs).

For enhanced protection, the solution integrates the FIREFLYBatt collar, a 50mm frame fortified with FIREFLYMasticHP and attached with durable pigtails. When installed against fire-rated walls or slabs, FIREFLYPenowrap is lapped with steel angles for added stability.



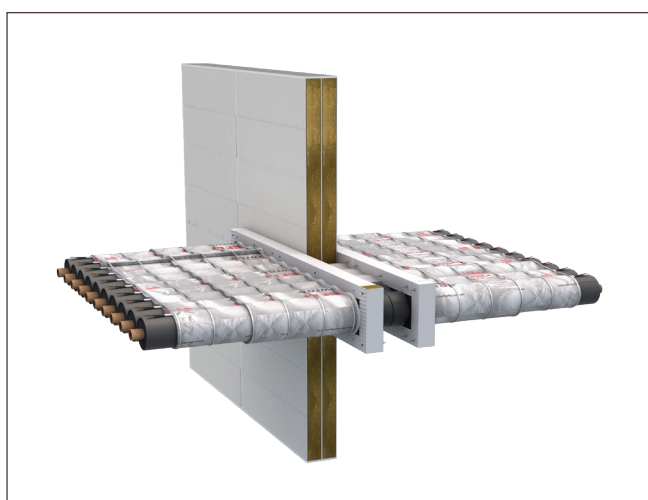
Versatile solutions with FIREFLYBatt

This system offers fire resistance levels up to 120 minutes and is available in our latest FIREFLYBatt report:

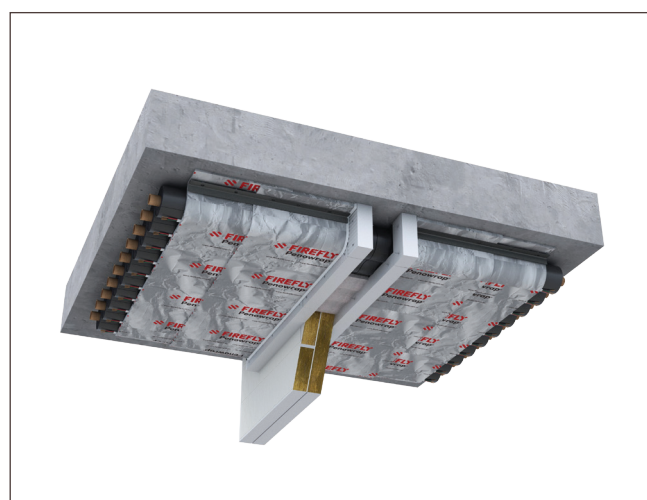
V138 & V139 Safeguard up to 10 nitrile lagged copper pipes with TPS cables (2.5 mm² max) centered in FIREFLYBatt or against a fire-rated slab.

H138 & H139 Extend similar protection to horizontal substrates.

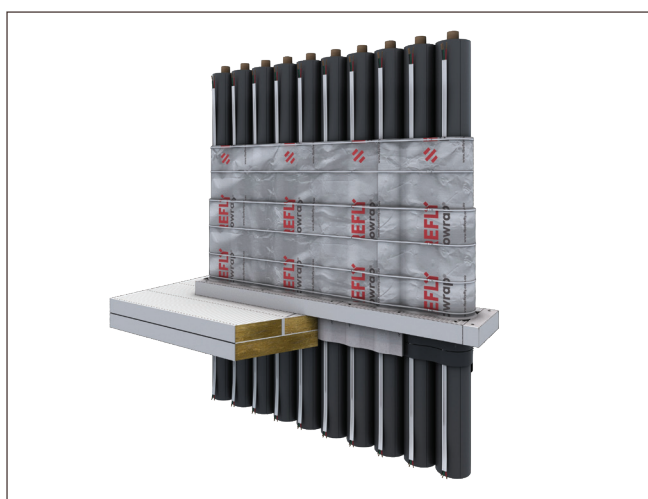
For detailed applications, refer to our FAS190235 RIR 1.26 report.



V138 | -/120/120



V139 | -/120/120



H138 | -/120/120



H139 | -/120/120

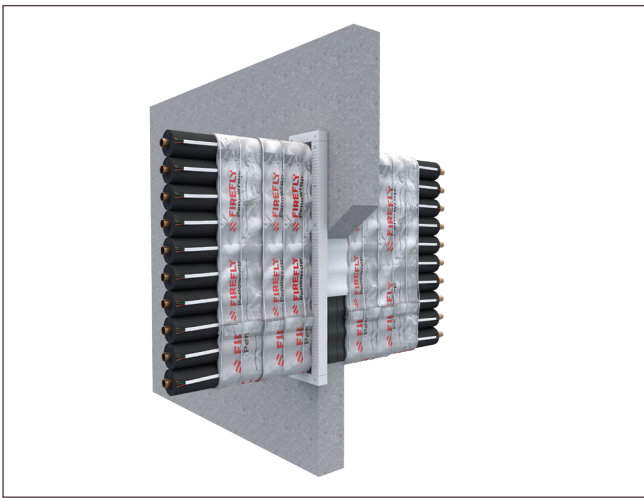
Configurations that deliver reliable protection

This system offers fire resistance levels of 90 and 120 minutes and is available in our latest FIREFLY core hole report:

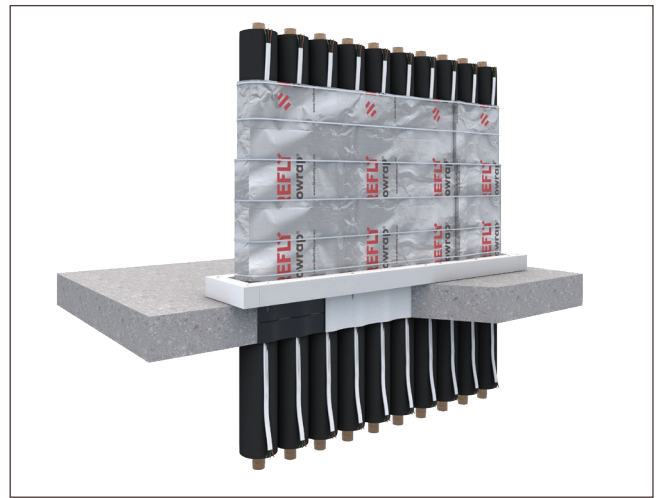
V499A/B & H236A/B Protection in vertical and horizontal orientations utilising the FIREFLYBatt collar.

H237 Protect the service without utilising the FIREFLYBatt collar in a minimum 150 mm thick slab.

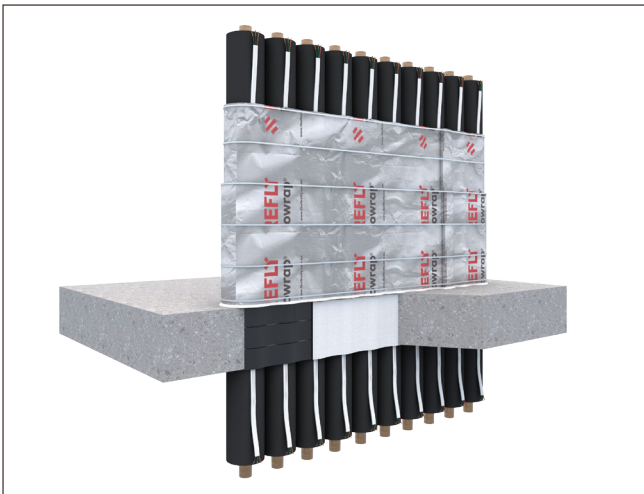
For installation details, refer to our FAS190235 RIR 1.26 report.



V499A | -/120/120 & V499B | -/90/90



H236A | -/90/90 & H236B | -/120/20



H237 | -/120/120

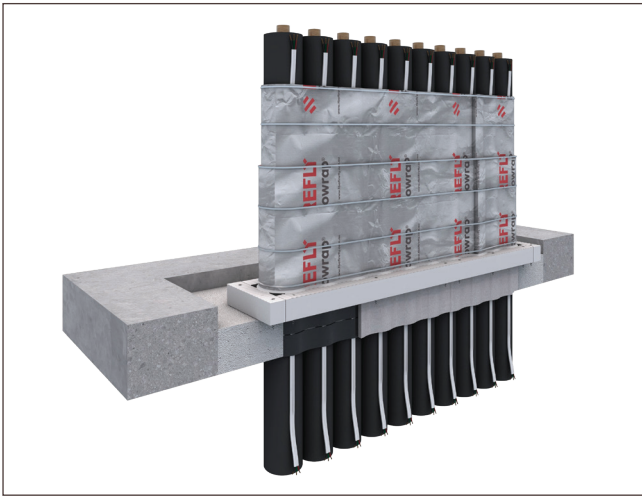
Expanding Horizons with FIREFLYMortar

FIREFLYMortar solutions introduce additional flexibility and performance with options like:

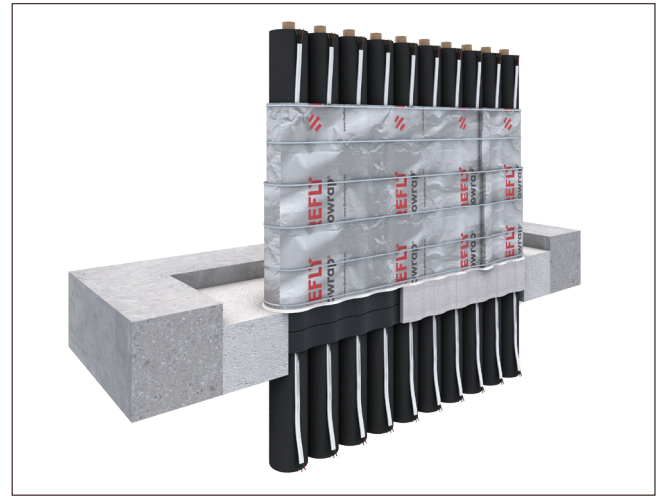
H52 Services embedded in a 100mm FIREFLYMortar bed, topped with FIREFLYBatt collar.

H53 Services in a 150mm mortar barrier, eliminating the need for FIREFLYBatt collar.

H54 Seamless installation against fire-rated walls or risers.



H52 | -/120/120



H53 | -/120/120



H54 | -/120/120

Access solutions tailored to you

All configurations, complete with detailed installation steps, are now available in our reports and will soon be accessible via the FIREFLY PFP app. Stay tuned for updates or request copies from your account manager.