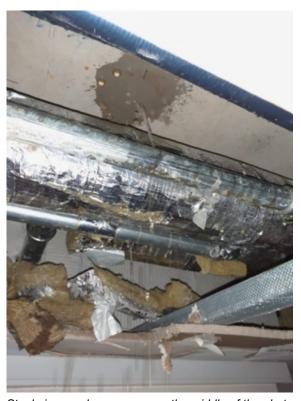


SYLWRAP Case Study



Suspended District Heating Pipe Repair

A 50mm steel pipe in a district heating system suspended in a ceiling required a live leak repair to keep the heating on after water began escaping



Steel pipe can be seen across the middle of the photo, spraying water which was damaging surfaces



Wrap & Seal applied to seal all leak areas



SylWrap HD encapsulated the pipe to finish the repair

Defect

A pinhole leak developed in a section of pipe suspended in the ceiling of a building. Pressurised water was jetting out in several directions, causing substantial damage to surrounding surfaces.

Flow could not be isolated as this would have involved shutting down heating for the building. A live repair with materials lightweight enough to be applied from a ladder was the only solution.

Solution

Sylmasta were already partnered with the energy company operating the heating system, whose vans are equipped with the SylWrap Pipe Repair Contractor Case for rapid emergency repairs.

A contractor was rushed to site. Wrap & Seal Pipe Burst Tape was applied to seal the leak. The Tape is temperature resistant to 260°C. It was stretched by the maximum 300% despite the lack of space, amalgamating to form a solid rubber band.

The entire section was then encapsulated with a SylWrap HD Pipe Repair Bandage, which set rock hard in minutes to reinforce the repair and protect the pipe from future breakages.

Result

Seeing the damage caused by a small leak in a short space of time showed the company first-hand the benefits of equipping their vans with Contractor Cases, capable of making up to six repairs...

Had a repair method not been readily available, this could have turned into a major incident for the heating system and building. Instead, the company's reputation was enhanced by the swift manner they reacted to and repaired the problem.