

SYLWRAP Case Study

Energy Company Repair District Heating Pipe

An energy company respond raidly to a leaking district heating pipe with a live leak repair which kept a building warm and prevented serious water damage



The steel pipe can be seen across the middle of the photo, spraying water out in all directions



Wrap & Seal formed a solid rubber band over the leak



SylWrap HD reinforced the repair by creating a rock hard layer around the entire section of pipe

Defect

A pinhole leak developed in a section of 50mm steel pipe suspended in the ceiling of the building. Water was jetting out in several directions, causing substantial damage to surrounding surfaces.

Flow could not be isolated as this would involve shutting down heating for the building. A live leak repair with materials lightweight for application from the top of a ladder was the only solution.

Solution

Sylmasta were already partnered with the energy company operating the heating system, whose vans were all equipped with **SylWrap Pipe Repair Contractor Cases** for rapid emergency leak sealing.

A contractor rushed to site with a Case, using **Wrap & Seal Pipe Burst Tape** to seal the leak. The tape is resistant to 260°C and despite the space constraints, could be stretched by the maximum 300%.

It amalgamated to form a solid rubber band, containing the leak. **SylWrap HD Pipe Repair Bandage** was then applied over the entire section, encapsulating the pipe with a rock hard outer shell.

Result

Seeing the damage caused by such a small leak in a short space of time reinforced to the energy company the benefits of carrying Contractor Cases for making up to six repairs as soon as leaks are identified.

Had a repair method not been readily available, the building would have faced a choice between shutting off the heating or suffering serious water damage.

Instead, the company enhanced their reputation with the speed they reacted to and repaired the leak.