

# SYLWRAP Case Study



## Sprinkler System Pinhole Leak Pipe Repair

After a maintenance company told a furniture factory they would have to replace a section of their sprinkler system because of a pinhole leak in a steel pipe, the furniture company instead sought a way of repairing the problem



*The tee junction was located high in the roof of the factory, making access difficult*

### Defect

The pinhole leak was on a steel pipe tee located high in the roof of the factory, close to the incoming electrics.

The sprinkler system maintenance company had tried to repair the pipe with a clamp, but the tee made this impossible, leading them to recommend a section replacement as the only solution.

This would have been extremely expensive, complicated, and involved closing the factory. Any repair needed to be pressure resistant up to 8bar.

### Solution

A tower was used to reach the damaged pipe and **Superfast Steel Epoxy Putty** applied, plugging the pinhole to seal the leak in under 10 minutes.

The repair was completed with a **SylWrap HD Pipe Repair Bandage** which was wrapped over the pinhole and around the tee to provide maximum reinforcement.



*The pinhole leak was located underneath a tee, ruling out a repair using a clamp*

### Result

Within an hour of the repair being completed, the system was put back into service at a fraction of the cost of the section replacement which had initially been recommended by the maintenance company.

The furniture company's maintenance manager said of the repair: "I found the repair putty and the bandage very easy to use and will no doubt be using Sylmasta products again."



*The completed repair carried out using Superfast Steel Epoxy and SylWrap HD Pipe Repair Bandage*

