

SYLWRAP Case Study



Underground Heating Pipe Repair

When contractors accidentally cut through an underground heating pipe with heavy insulation lagging which supplied a farmhouse, a rapid live leak repair was required to keep the hot water on



The pinhole caused when the pipe was cut into



Wrap & Seal sealed the hole with a temperature resistant repair



The heating pipe repaired with Wrap & Seal after the outer pipe and insulation lagging were cut away



SylWrap HD added a further layer of protection to the pipe from the farm's building works

Defect

The contractors cut into the pipe with a hole saw believing it was an unused drainage pipe. Once breached, they realised it was an outer pipe and an inner piper with a layer of insulation lagging.

Replacing the pipe would have meant digging it out, cutting through the outer pipe and removing a huge amount of lagging to gain access to the damaged area - an expensive and time consuming process which would have left the farmhouse with no hot water or heating.

Solution

Instead, minimal lagging was removed to reach the pinhole leak and **Wrap & Seal Pipe Burst Tape** applied around the heating pipe. The Tape self-fused into a solid rubber band, sealing the leak, with a temperature resistant repair up to 200°C.

SylWrap HD Pipe Repair Bandage was then wrapped over the repair, providing a further layer of protection to the pipe from the continuing building works.

Both products are *WRAS approved* which was an important consideration for a repair involving domestic water supply.

Result

The repair was a complete success and hot water was restored to the farmhouse inside of one hour without the cost or inconvenience which would have come with replacing the pipe.

