

Wrap & Seal Case Study

PIPE BURST TAPE Toilet Soil Pipe Hairline Crack Repair

A homeowner repairs a porcelain soil pipe with a hairline crack around its diameter caused by movement of a toilet from the wall it was connected to



The hairline crack was around the entire diameter of the porcelain toilet soil pipe

Defect

The soil pipe connected the toilet with the sewer pipe behind. An unstable floor meant whenever the toilet was sat on, it tilted forward and pulled the pipe away from its connection to the back wall.

Eventually, the stress put on the pipe by this frequent movement caused a hairline crack to appear around the entire diameter.

With a full bathroom renovation planned including replacing the toilet, the homeowner wanted a cost-effective DIY repair to stop the soil pipe leaking.

Solution

The crack was too thin to force epoxy putty into and the repair needed to be flexible enough to account for the continued pull on the pipe; fixing it rigidly in place could lead to further cracks all the time the toilet was able to tilt forward.

One 50mm x 4m **Wrap & Seal Pipe Burst Tape** was applied around as much of the pipe as possible, fusing together to create a watertight rubber ring bonded to the porcelain.

This ring sealed the leak, allowed the pipe an element of movement to reduce stress, and prevented water escaping from any other cracks which developed elsewhere in the pipe.

Result

The homeowner completed the repair in under 15 minutes and for less than £30, including delivery of the Wrap & Seal Tape.

Water was now contained whenever the toilet was flushed, providing a straightforward solution until the bathroom replacement took place.



Wrap & Seal created a solid rubber ring, sealing the pipe whilst allowing it a degree of movement