

SYLWRAP Case Study

Crack Filled & Repair Disguised in Soil Pipe

A deep crack in a domestic soil vent pipe is sealed and the repair disguised by using Sylmasta AB Original Epoxy Putty to create an imitation sleeve joint



The soil pipe was leaking through an unsightly crack right next to a door into the house

Defect

The pipe was fixed to the wall next to a door into the house. It was leaking through a previous failed repair attempt made several years earlier.

Not only that, but the crack and surrounding damage was so unsightly that they naturally drew the eye of anyone coming in and out of the property.

The homeowner wanted to seal the leak and disguise the fact there was any damage to the pipe at all.

Solution

As much of the original repair material was ground out as possible before a wider groove was created either side of the crack.

This made a larger repair area which was easier to fill with **Sylmasta AB Original Epoxy Putty**. It also provided a better key for the epoxy putty to bond with, improving adhesion with the pipe.

AB Original was mixed by hand. Whilst soft, it was packed tightly into the crack and groove to seal it.

More AB Original was then formed into a neat band. This band was placed around the diameter of the pipe, covering the repair area to resemble a joint.

Result

Once AB Original reached maximum properties after 24 hours, it left the crack filled with a rock-hard material and a ring of epoxy putty bonded to the pipe which perfectly replicated the appearance of a sleeve.

Anyone now entering the house via the door would be unaware the pipe had been leaking and looked so unattractive before repair. They would just assume it was being held together by a pipe fitting.



A previous failed repair attempt was ground away, creating a large groove around the crack which could be more easily filled with AB Original



After the crack was filled, AB Original was formed into a band and bonded over the repair area to disguise it by resembling a step joint