



What is a patch repair and when would it be used ?

A **drainage patch repair** is a method used to fix specific defects within a drain or sewer. It's particularly useful for addressing localised issues without the need for extensive excavation. Here's how it works:

1. **Identification of Defect:** First, the damaged area in the drain is identified. This could be due to structural issues like an open leaking joint, fractures, partial collapse of pipes, or rooted pipe joints.
2. **Resin and Matting:** A mixture of **resin and hardener** is prepared. This resin solution is then applied to a **fibreglass matting**.
3. **Application:** The prepared patch is fitted onto an **inflatable packer**. This packer, along with the patch, is inserted into the pipe and positioned at the location of the defect.
4. **Compression and Curing:** Once in place, the packer is inflated, and the patch is compressed against the pipe wall, effectively filling the defect with resin. The curing process begins, and the patch liner adheres to the pipe.
5. **Quick and Efficient:** The entire patch lining process can be completed in less than two hours.

Remember, this repair technique is specifically designed for isolated areas of a drain, making it an efficient way to address localised issues without disrupting the entire system.