

100 Year Service Life Of Polypropylene and Polyethylene Gravity Sewer Pipes

Polypropylene and polyethylene (collectively known as polyolefin) sewer pipes have been widely used for over 40 years and have an established track record for reliability, integrity and trouble free service. However their predicted overall life expectancy has been discussed for many years without a definitive answer becoming available. Following the conclusion of a major two year project co ordinated by TEPPFA in conjunction with LyondellBasell, Borealis and TGM (Austria) that situation can now be changed and: Designers, owners and operators can now be confident that polyolefin sewer systems will have an in-service life of at least one hundred years when materials, products and installation practices meet the appropriate requirements.

The outcome of this project is vitally important for material suppliers, pipe manufacturers and the designers and operators of sewer systems. Allowing polyolefin sewer pipes to continue to be specified with increased confidence in their asset life.

Read more:

[Lifetime Polyolefin Sewers Leaflet](#)

[Summary Technical Report - December 2014](#)

[Full Technical Report - December 2016](#)