

Press Release

Pioneering Pipe System Awarded Patent



Leading water management solutions provider, ASSET International Ltd (ASSET) has been awarded a patent for an innovative combined sewer overflow (CSO) solution that will cut on-site construction costs of CSO chambers by at least 30%.

South Wales based ASSET has received the patent rights for their LiteSpeed chamber which prevents the discharge of foul water into surface water drainage systems. ASSET worked in conjunction with Morrison Construction Services Ltd and Hyder Consulting to develop the chamber, which is designed to answer CSO engineering requirements.

The LiteSpeed patent will benefit many flood alleviation projects, included in the ASSET Management Programme (AMP 4/5), thanks to the flexibility, efficiency and savings in time and cost of the product.

As LiteSpeed is manufactured using ASSET's high density polyethylene (HDPE) pipe, known as WEHOLITE,

it is lightweight and can be delivered in any length satisfying specific and bespoke designs.

The lightweight nature of the product dramatically reduces its installation time not only resulting in a lower health and safety risk for onsite personnel, the reduction in onsite installation means minimal disruption to local communities and the environment.

Simon Thomas, managing director at ASSET said: "ASSET can manufacture and deliver the CSO chambers rapidly and to exact specifications. The use of WEHOLITE lends itself to bespoke engineering designs therefore reducing the need for in-situ build solutions that have long programme times. The quick manufacture and delivery time of the factory-built LiteSpeed means projects will see direct results in time and cost savings and an improvement in quality."

The environmentally-friendly solution requires one delivery to site and thanks to its minimal waste and rapid installation it provides greater energy savings than other traditional materials such as concrete or GRP. LiteSpeed also comes with a 120 year design life, excelling previous durations by 40 years.

Mr Thomas added: "We're excited to be the only HDPE solutions provider in the UK that can offer such an innovative system, enabling us to offer significant cost savings and reductions in design and installation time for our customers."

THE ESSENTIAL SOLUTION FOR PIPE USERS NATIONWIDE

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