

Mobile Production - Weholite

Polyethylene Piping around the World



Weholite structured-wall pipe is the preferred choice for many engineers around the world. It's a safe and reliable system for conveying liquids or air, underground, under water or above ground. Easy handling and installation and a long-lasting maintenance free system makes it an over-all economical choice. Weholite is available up to and including 3 metre diameter, which together with the excellent material properties makes it a versatile solution for gravity and low-pressure applications.

For large projects in remote areas, KWH Pipe can offer the alternative of on-site production. The KWH Pipe Mobile Plant concept enables production of Weholite at the installation site, or close to it, anywhere in the world. Using the Mobile Plant, KWH Pipe can offer all the features of quality, efficiency and "know-how" from production to installation for which the company is recognised all over the pipe world. For the customer, the major benefits of Mobile Production are:

- Reduced installation costs
- Reduced transportation costs
- Simplified storage and handling on site
- Reduced risk of damaging the pipes during transportation and handling
- Production on site enables the customer to monitor the manufacturing progress
- Flexibility in production



Product

Weholite structured-wall polyethylene pipe (PE-HD)

Size Range

DN/ID 800 – 3000 mm

Internal pressure

Up to 2 bar

Ring stiffness

2 – 8 kN/m² (prEN 13476)

Availability

Anywhere in the world

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The Mobile Plant comes to the site in standard containers. The production line set-up is designed for minimised site assembly and fast mobilisation. Where the electric grid is unstable or connections are unsuitable or even non-existent, mobile generators can be used.

The equipment in the mobile extrusion plant is the most technologically advanced anywhere in the world to-day. Skilled KWH Pipe personnel using efficient extruders and customised equipment, guarantee fast production of the highest quality.

KWH Pipe's Project Services department is responsible for marketing and operating the plant worldwide. In addition to alternative production options, Project Services can offer complete projects, including design, welding services, supervision, consulting and contracting for piping projects worldwide.

Weholite Facts

Lightweight

Weholite is an excellent choice because of its light weight. Installation is quick and reliable even in poor ground conditions. Light-weight pipe materials have a distinct advantage for foundation work, because Weholite does not apply as much load to its bedding compared to heavier pipe materials.

Flexible

Weholite pipes have a natural ability to "flex", which enables them to adjust to different loading conditions, vibrations, stresses and soil movements without causing damage to the pipe. The situation is the opposite for rigid pipe constructions, which break when their crush strength is exceeded. With ring stiffness from 2 to 8 kNm² (prEN 13476), the standard product is sufficient for all construction.

Easy

Installing Weholite pipework is simple and easy. Major installation benefits are the light-weight of the pipe, ease of handling and method of installation. Longer pipe lengths speed up the installation time, reduce the number of joints (reducing the number of potential leaks) and help reduce overall installation costs. Weholite Marine pipes can be installed underwater for outfalls and intakes using concrete weights or by filling part of the profile with ballast.



Durable

Weholite pipework systems offer a corrosion-free installation, have excellent chemical resistance and have superior abrasion-resistant qualities compared to traditional pipeline materials.

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