

## USING EPS AS INSULATION FOR UNDERGROUND PIPEWORK

Expanded Polystyrene (EPS) is widely recognised as a highly cost-effective construction and building material. Due to its exceptional load bearing, it is used in civil engineering projects like embankments for road construction and bridge work, etc. The performance of the insulation will not degrade over time, ensuring full thermal efficiency across its lifetime.

To use EPS as insulation for underground pipework is therefore a superior method in order to reduce energy losses, whether it's for cooling, geothermal, or additional insulation for pre-insulated pipework.

Main benefits of using the EPS PIPE™ solution;

- Substantially lower energy losses
- CO<sub>2</sub> savings
- Flexible system
- Easy installation

LOWER CARBON FOOTPRINT



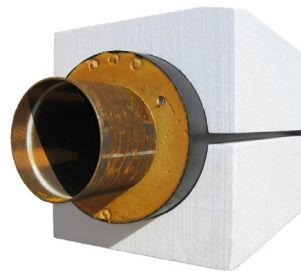
### DISTRICT COOLING [INSULATION OF FLOW]



### GEOTHERMAL [STEM TO DRILLING HOLE]



### PRE-INSULATED [ADDITIONAL INSULATION FOR DH PIPES]



### SPECIFICATION EPS

### S200

Density	30 kg/m <sup>3</sup>
Compressive stress, short term load	20 ton/m <sup>2</sup>
Compressive stress, long term load	6 ton/m <sup>2</sup>
Water absorption, by immersion	2-3% vol.
Thermal conductivity, Lambda value (λ)	0.034 W/mK
Max. temperature	80°C
BRE Rating	A+

PRODUCTS ARE NOT BRAND SPECIFIC AND MANUFACTURED TO ORDER IN THE UK

