

### REVOLUTIONISING METHOD FOR INSULATION OF UNDERGROUND VENTILATION CHANNELS



EPS PIPE™ - VENT is an especially efficient technique to insulate temperature sensitive flow- and return air when placing underground ventilation channels.

With an air temperature of 20°C and a ground temperature of 14°C, the energy losses without insulation is 19 W/m.

With insulation, type EPS PIPE™, the energy losses decreases to only 3 W/m !

**Main benefits of using the EPS PIPE™ solution;**

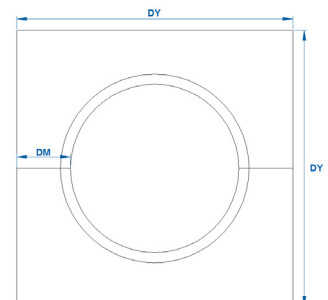
- Substantially lower energy losses
- CO<sub>2</sub> savings
- Flexible system
- Easy installation

LOWER CARBON FOOTPRINT



#### EPS PIPE™ - VENT

MODEL UVS*	INSULATION DY	INSULATION DM	ART.NO.
DN200	350 mm	75.0 mm	ECPC126
DN250	400 mm	75.0 mm	ECPD074
DN315	460 mm	72.5 mm	ECPD072
DN400	610 mm	80.0 mm	ECPE054
DN500	740 mm	90.0 mm	ECPG018
DN600	870 mm	95.0 mm	ECPH014
DN800	1110 mm	105.0 mm	ECPJ010
DN1000	1385 mm	110.0 mm	ECPJ008
DN1200	1580 mm	120.0 mm	ECPJ012



\* Models are based on Uponor UVS underground ventilation.

Pre-manufactured bends 90°, 45°, 30°, and 15° is also available in all dimensions.

EPS PIPE™ is not brand specific and can be manufactured according to other specifications.

#### SPECIFICATION EPS

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+

#### S200

**INSULATION IS NOT BRAND SPECIFIC  
AND  
MANUFACTURED TO ORDER IN THE UK**

