

Art. No. 103450 tempusDRY TBS 19-16 AB

The dry construction system TBS 19-16 AB, manufactured from quality-controlled expanded polystyrene EPS Neopor 032 DEO dh in accordance with DIN EN 13163 enables the installation of a Type B embedded surface heating system in accordance with DIN 18560 and DIN EN 1264 on structural floor slabs or timber beam floors in combination with a dry construction screed element as well as wet screeds.

The aluminium sheets bonded to the top of the system element ensure optimal lateral heat distribution. The  $\Omega$ -shape pipe guides ensure the pipe is securely fixed to the board. It also ensures the walk-on stability of the system. A metal-plastic composite pipe is recommended due to its low linear expansion and restoring force.

Note: All elements have a stabilising textile on their rear side. Careful handling is recommended when using these elements.

Thermal conductivity grade	WLS 032
Thermal conductivity	0.032 W / (m K)
Thermal resistance	R = 0.51 m <sup>2</sup> K / W
Impact sound improvement of the system element	0 dB
Compressive stress	240 kPa
Max. live load (compressive stress at 2%)	60 kPa
Pipe spacing	125 und 250 mm
Pipe diameter	16 mm
Fire performance	Euroclass E in accordance with EN 13501-1- 2010-1
Panel dimensions	1000 x 500 x 19 mm
Packaging	15 pcs. / 7.5 m <sup>2</sup>

