

Art. No. 103221 Dry construction system TBS 30-16 AB

The dry construction system TBS 30-16 AB, manufactured from quality-controlled expanded polystyrene EPS 035 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 in combination with a dry construction screed element or a wet screed.

The dry construction system TBS 30-16 AB 240 kPa, manufactured from quality-controlled expanded polystyrene board EPS 035 DEO ds in accordance with DIN EN 13163 and DIN 4108-10 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 wet screed or with dry screed elements. The aluminium sheets with  $\Omega$ -shape pipe guides bonded to the top of the system element ensure the pipe is securely fixed to the board.

Thermal conductivity group / thermal conductivity grade	WLS 035
Thermal conductivity	0.035 W / (m K)
Thermal resistance	R = 0.78 m <sup>2</sup> K / W
Impact sound improvement	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
Building material / fire classification	B1 low flammability in accordance with DIN 4102
Board dimensions	1000 x 500 x 30 mm
Packaging	10 pcs. / 5 m <sup>2</sup>

