

Art. No. 104400 tempusDRY NATURE 30-16 AB

The dry construction system tempusDRY NATURE 30-16 AB made of annually renewable natural fibers, manufactured according to DIN 13171 and DIN 4108-10, enables the installation of a surface heating system of type B according to DIN 18560 and DIN EN 1264 on solid or wood joist ceilings combined with a suitable load distribution layer, screed elements as well as wet screeds.

To simplify the installation of the piping, milled grooves lined with aluminum sheets are prepared ex works. The sheets are fixed in place by a patented mechanical process. This allows separation by type, which is important for the recycling process. The aluminum sheets ensure optimum heat cross-distribution. The Ω-pipe guide ensures that the pipe is held securely inside the plate. It also ensures that the system is easy to walk on. Due to its low linear expansion and low restoring force, a metal-plastic composite pipe is recommended as the pipe.

Thermal conductivity	0,050 W / (m K)
Thermal resistance	R = 0,55 m ² K / W
Impact sound improvement *	ΔLw up to 22 dB , * on request
Heat capacity	C = 2100 J/(kg*K)
Density	ca. 240 kg/m ³
Compressive stress	150 kPa
Pipe spacing	125 mm
Pipe diameter	16 mm
Fire performance	E in accordance with EN 13501-1:2000
Board dimensions	1000 x 500 x 30 mm
Packaging unit	5 pcs.

