



Art. No. 104400 *tempusDRY* NATURE 30-16 AB

The surface element from the *tempusDRY* NATURE 30-16 AB product series consists of annually renewable natural fibers bound with a lime-protein mixture. The system elements, manufactured in accordance with DIN 13171 and DIN 4108-10, enable the creation of a surface heating system of type B in accordance with DIN 18560 and DIN EN 1264 on solid or wood joist ceilings in conjunction with a suitable load distribution layer, screed elements as well as wet screeds.

To facilitate the installation of the piping, milled grooves lined with aluminum sheets are prepared in the factory. The sheets are fixed in place by a patented mechanical process. This enables 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 in 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	0,0556 W / (m K)
Thermal resistance	R = 0,49 m ² K / W
Dynamic stiffness	S'=104 MN/ m ³
Compressibility	C=1mm
Impact sound reduction	A<W=18dB
Density	approx. 220 kg / m ³
Pipe spacing	125 mm
Pipe diameter	16 mm
Fire performance	E in accordance with EN 13501-1:2000
Board dimensions	1.000 x 500 x 30 mm
Packaging unit	5 pcs.

