

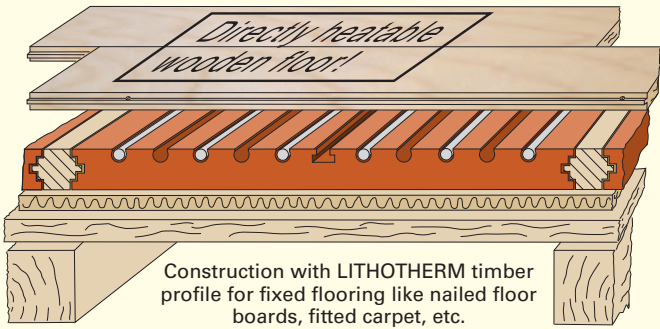


Development and production: Hans Loss, A 6900 Bregenz

LITHOTHERM®

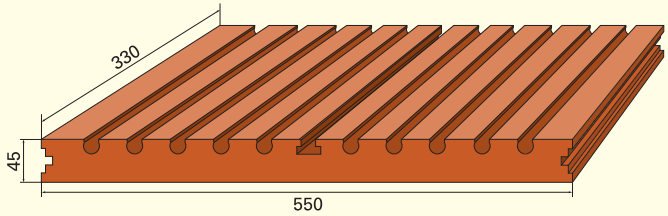


Low temperature underfloor heating system with short reaction time



Construction with LITHOTHERM timber profile for fixed flooring like nailed floor boards, fitted carpet, etc.

Patent protected

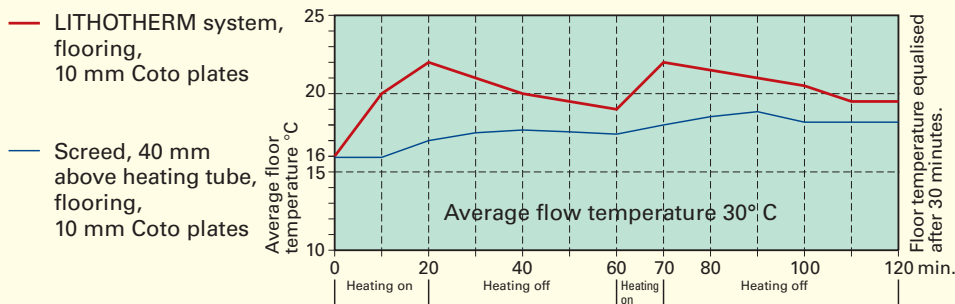


- ☐ The heart of the LITHOTHERM system consists of the LITHOTHERM form plate/ZS. It is made of clay and is characterised by consistent quality, high rigidity and dimensional accuracy.
- ☐ The small installation height of 45 mm and solid bulk make this plate ideal for dry paved floors at new construction sites and for renovating old buildings (the construction time can be reduced by about 6 weeks).
- ☐ The heating tubes, which run immediately under the flooring, require a very low flow temperature, which makes the system an excellent combination with fuel value devices, solar systems and heat pumps (efficient use of renewable energy systems).



The diagram illustrates the advantages of the LITHOTHERM system

LITHOTHERM characteristics

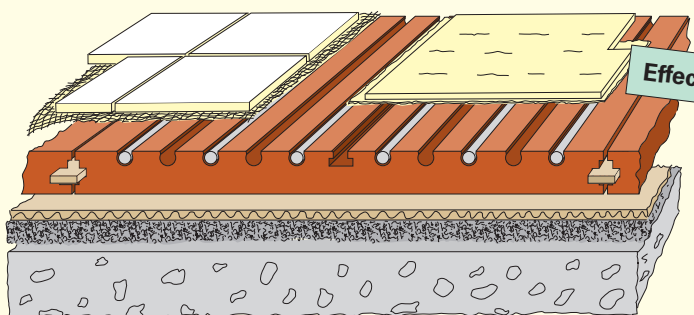


For example: Thermal energy is required in the transitional heating period for approx. 5 months a year, at short notice and for a short time. The LITHOTHERM floor heating system delivers the full thermal radiation after approx. 25 minutes and creates a comfortable room climate for several hours after the heating system is switched off.

The heating tubes running directly underneath the flooring guarantee direct distribution of radiant heat throughout the room. The grooves in the LITHOTHERM moulded plates, open at the top, increase the radiating surface towards the floor covering by approximately 60%. The increased upward flow of heat ensures a well-balanced floor temperature and keeps the temperature of the bottom of the LITHOTHERM form plates approximately 30% lower. With the LITHOTHERM system the room is heated first, and then heat is stored in the Lithotherm form plates after the heating system has been operating for a long time.

As is well known, energy cannot be destroyed but can be wasted.

Effectively reduces CO₂!



Can be applied to ceramic tiles, natural stone slabs, floating parquet flooring, adhesive parquet, etc.



LITHOTHERM heating system = an advance in time and energy

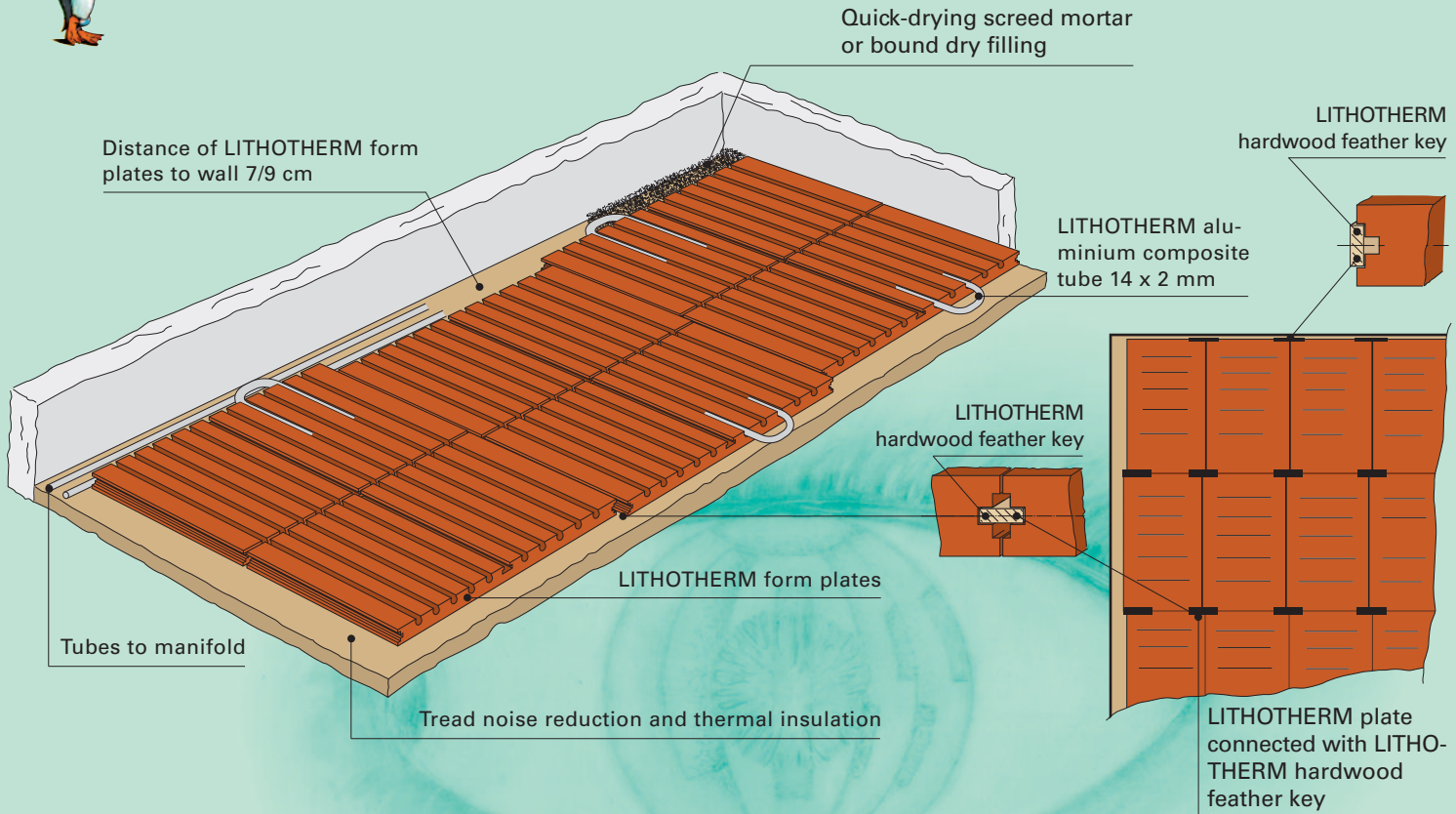


LITHOTHERM® Underfloor Heating

Installation - fast and dry



OPTION No. 1 for floor coverings: floating parquet, tiles, natural stone slabs, adhesive parquet.



OPTION No. 2 for floor coverings: deal floors, ship floors, clay tile floors, nail parquet flooring, carpeting, cork covering, plastic coverings and sports flooring

