

The excellence of cork on heated floors and walls

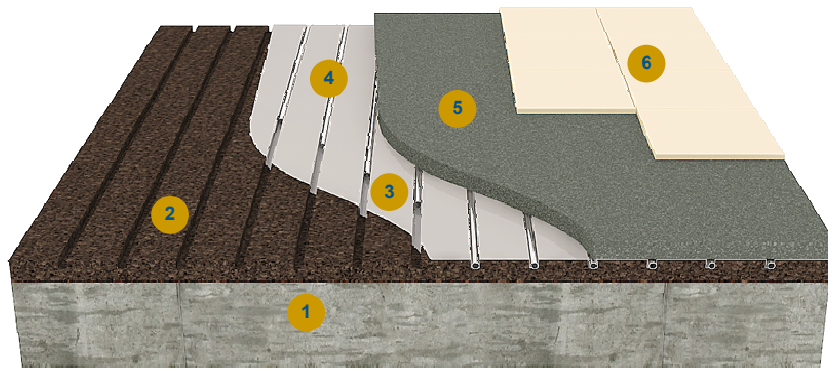
Radiant flooring consists of a piping circuit placed below the floor and a thermal regulation system which allows the atmospheric temperature to be controlled at any time through the circulation of hot water or electricity. Grooved sOFAFLOOR expanded cork Board - ICB boards serve as the base for heating pipes, allowing the easy application owing to the design of the boards themselves, acting as thermal insulation and avoiding the propagation of the cold transmitted by the ground.

By contrast, the structural discontinuity between the flooring screed and the slab, obtained by applying expanded cork board for thermal insulation, will bring about a major reduction in the transmission of vibrations and noise resulting from impacts on the flooring. hence, the interposition of expanded cork Board - ICB on radiant flooring serves a dual purpose:

Thermo-insulating and Phono-insulating.



INSULATION OF HEATED FLOORS AND WALLS



- 1 Slab
- 2 Expanded cork board - ICB
- 3 Reflective metal sheet
- 4 Heating tube
- 5 Screed
- 6 Final pavement

Benefits

- Dual function - Thermal and sound insulator
- Steam barrier
- Temperatures of usage -140°C to $+120^{\circ}\text{C}$
- Good resistance to compression
- Natural insulation - healthier