



System **PART E**

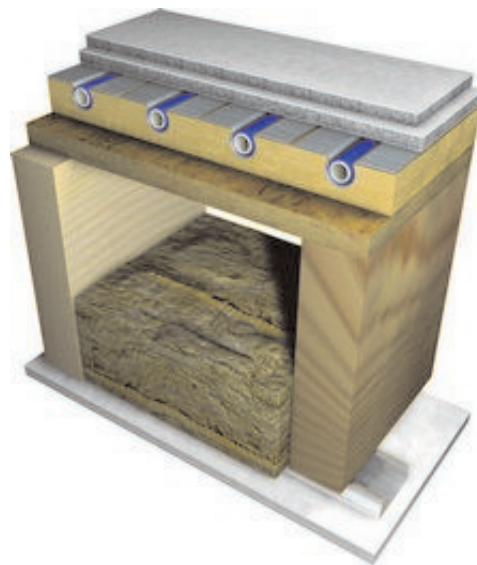
Combined Underfloor heating and Acoustic solutions

PARTY FLOOR

acoustic solution for suspended floors

The properties of the JUPITER IDEAL ECO panel based system add significant acoustic performance to a suspended floor construction. Floor construction consists of 20mm Fermacell gypsum flooring elements on 30 mm IDEAL ECO on 18mm floor deck. Under typical 240mm floor joists is the Protektor TPS 25 acoustic ceiling hanger with a further 2 Fermacell ceiling boards. 100mm x 40 kg/m² Rockwool insulation fills the joist void.

Overall height from floor deck is only 50mm.
Site testing required but exceeds Part E requirement.



PARTY FLOOR

acoustic solution for solid or hollow core concrete floors

Again 20mm Fermacell gypsum boards upon the JUPITER IDEAL EPS heating element provide adequate impact and airborne sound reduction to meet the current Part E sound insulation regulations on concrete floors. Acoustic ceiling treatment is standard MF suspended ceiling system.

Overall height from levelled substrate is only 50mm.
Site testing required but satisfactorily exceeds Part E requirement.

