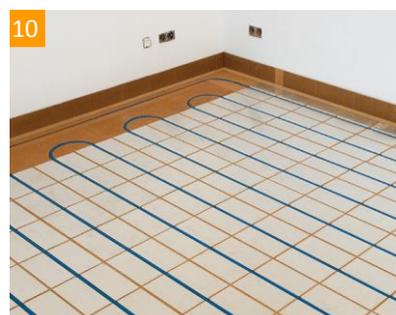


System IDEAL ECO

Installation Guide & Technical Data

JUPITER



- 1 Fix ECO or EPS perimeter insulation to walls and place edge support battens on dry, solid and flat surface. Screw battens down in thresholds. Battens only supplied if specifically specified.
- 2 Begin laying elements on corner of room. Lay the panels according to supplied plan.
- 3 Use the preformed elements for flow & returns and corners.
- 4 Fill unheated areas (under fixed furniture, kitchen cabinets etc.) with blank insulation panels.
- 5 Placing additional support battens increases strength of system if required.
- 6 Cut panels as required using a circular saw or jig saw between the aluminium plates. Never cut panels through pipe channel as this can cause damage to pipe.
- 7 Cut other required pipe channels with hand router and 20mm bull nose bit. Take care to keep custom pipe curves in line with preformed panels. Too tight a bend will cause the pipe to kink. Tip! When cutting long, straight pipe runs make the channel wavy so that the pipe doesn't come back out.
- 8 When installing pipe, form a large arc and press home into channel using feet.
- 9 Take care when fitting pipe around corners. Tip! Pipe tends to lift up – gently remove and bend downwards before putting back in place.
- 10 Only connect pipe on straight runs - never on corners.

Technical data

Typical format: (L)1000 x (W)500 x (D)30mm
 Aluminium heat diffuser: 0.5mm
 Tolerance: (L) ± 2 mm (W) ± 2 mm (D) ± 1 mm
 Perpendicularity (L) ± 1 mm (W) ± 0.5 mm
 Compressive strength ≥ 140 kPa DIN EN 826
 Gross Density: 260 kg/m³
 Heat exchange coefficient: 0,040 W/m²K (U)
 Thermal resistance: 0,75 m²K/W
 Vapour Diffusion Factor: 5
 GWP Value: -0.18
 Impact sound improvement
 (tested with Fermacell 2E11) UK: ΔL_w
 24 Db Loaded construction 22kg/m²
 26 Db Unloaded construction
 Fire classification: E according to EN 13501-1