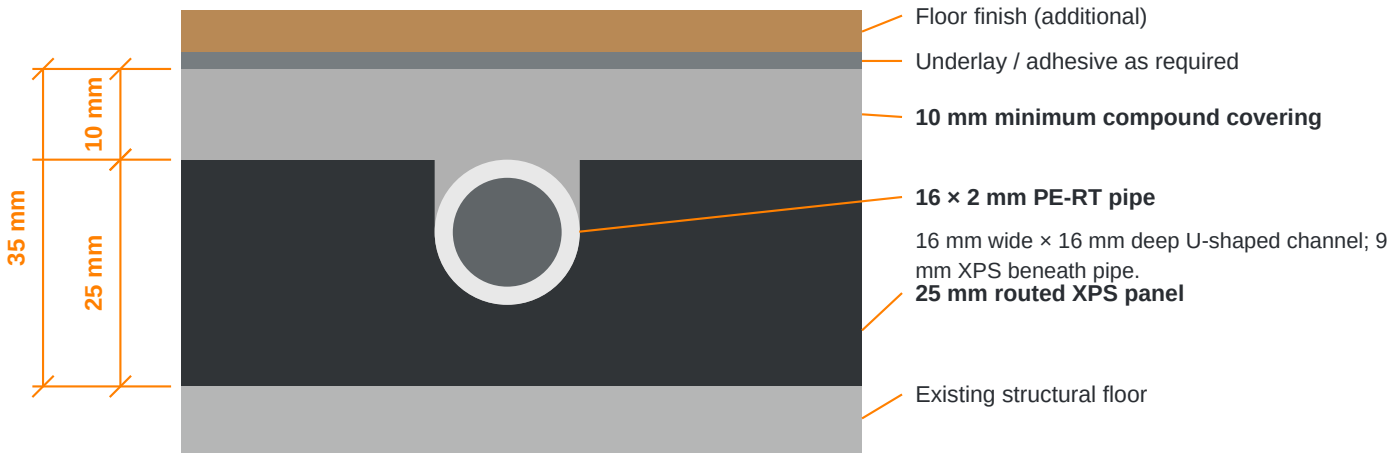
Lo-Float

FLOOR BUILD-UP DETAIL

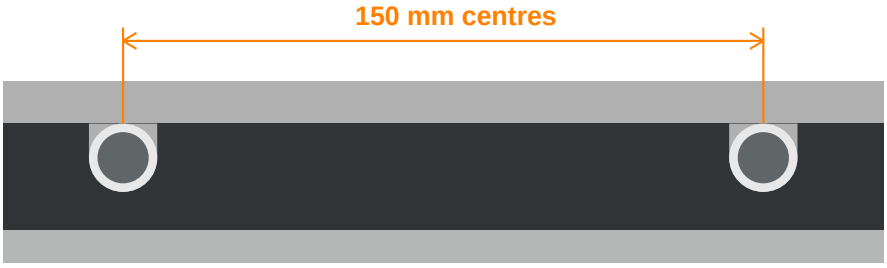
35 mm	16 × 2 mm	150 mm
Nominal system build-up	PE-RT pipe	Nominal pipe centres

01 / TYPICAL FLOOR CONSTRUCTION



Nominal 35 mm = 25 mm panel + 10 mm compound. Pipe is contained within the panel. Floor finish, underlay/adhesive and structural floor are additional. Schematics are not to scale.

02 / TYPICAL PIPE SPACING



16 × 2 mm PE-RT pipe
Serpentine layout only.
Nominal 150 mm centres.

03 / INSTALLATION REQUIREMENTS

Substrate: Sound, level, dry structural floor. Confirm suitability and required insulation.
Panels: 25 mm routed XPS; nominal 300 kPa compressive strength; thermal conductivity 0.030 W/mK (subject to supplier confirmation). Fit 8 mm perimeter expansion strip.
Compound and primer: Use products specifically approved by their manufacturer for routed XPS, water underfloor heating and minimum 10 mm covering above panels and pipe. HydroHeat does not supply these products. Follow manufacturer preparation, application and curing instructions.

Design note: Confirm the complete floor assembly, finish compatibility, thermal resistance and temperature limits. Refer to the current Lo-Float Installation Guide and project-specific pipe layout. This is not a project-specific construction specification or performance certification.