

## System IDEAL EPS Installation Guide



- 1 Install the edge insulation and support battens on a dry and level load bearing surface
- 2 Begin with header elements in a corner and follow the layout plan
- 3 Continue with both CZ panels (25cm pipe centres) and EZ (12.5cm pipe centres) as per layout. Use Blank EPS panels in unheated areas.
- 4 Snap panels along pre-scored cuts as required.
- 5 Light floor constructions\* in rooms >12m<sup>2</sup>, heating elements in perimeter areas should be adhered to the substrate. In rooms <12m<sup>2</sup> it is recommended to adhere all heating elements using a non solvent based polystyrene glue.
- 6 Individual pipe channels can be cut using the hot wire cutter. Tip! Make pipe channels wavy when cutting long, straight channels to prevent pipe from popping out.
- 7 Pre channelled threshold battens should be fixed by screwing them to the substrate.
- 8 Heating pipe should be installed by forming a large curve and clipping into the channels. This prevents tension in the pipe.
- 9 Pipe connection (if required) should be made between two aluminium pieces and on straight runs – do not connect on pipe bends.
- 10 Cover pipe work leaving manifold with supplied steel sheet.

\* i.e. direct installations such as engineered timber and / or all StrongBoard installations