Step by Step Guide to Laying Low-Build Max Panels

Installation Steps

Step 1

Prepare the floor by making it as level as possible, and clearing any dirt and dust.

Step 2

Choose where to position your manifold, this will then determine the route of the distribution pipes to each circuit.
Consider the complete path of the pipe circuits when establishing where to lay the panels – remembering the maximum length of one circuit is 50m.

Step 3

You may want to temporarily position your panels around the room before applying the adhesive.
Line up the return and channel panels so your pipe can easily flow through the system.

Step 4

Cut panels to size where necessary using a hand or power saw.

Step 5

Mix adhesive according to manufacturer's instruction.

Step 6

Clean floor one last time before applying the adhesive.

Step 7

Apply the adhesive directly to the surface.

Step 8

When handling the main panels, do so from the shorter ends rather than the longer sides for maximum stability.

Step 9

Take care when handling the panels, they can be fragile and may break if not handled with care. However if a panel does break along the channel it can still be installed.

Step 10

Press gently on each panel to ensure it is secure and in the correct position.

Step 11

Avoid standing on the panel until the adhesive is set, usually 5-10 minutes but refer the instructions on the adhesive.

Wavin Limited | Registered Office | Edlington Lane | Doncaster | DN12 1BY | T: 0844 856 5152 | E-mail info@wavin.co.uk |
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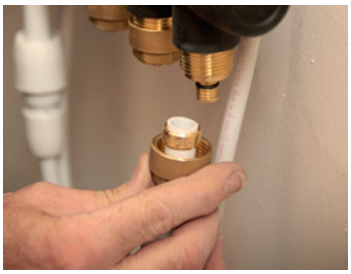
Step 12

Attach manifold to required position, ensuring an accessible route for the pipe work.

Step 13

Unwrap the coil of pipe, following the instructions on the packaging. Attach the pipe end to the manifold for each circuit needed (see installation guide for more details).



Step 14

Lay pipe in your chosen circuit taking care you don't exceed 50m of pipe, leaving enough pipe to return back to the manifold.

Step 15

Repeat the installation process for all remaining circuits. Refer to separate installation guides for connecting thermostats and controls.

Features and Benefits

- Pre-routed channels for quick and easy pipe placement
- For use with 10mm Hep_2O pipe
- Secured using adhesive
- Low build (15mm) panels for minimum floor height increase
- Additional diffuser plate not required
- Can tile directly onto the system
- Large panels size (1200 x 600mm) means large area covered quickly
- Panels can be neatly trimmed using hand saw
- Compatible channel and return panels make room design simple

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To place an order, take (or send) this quote to your local plumbers/builders merchant who will apply any applicable discounts. A full list of Hep_2O stockists can be found on our website www.hep2o.co.uk.

To ensure you order the correct amount of return panels, please consider the path and design of your underfloor heating system first. Where possible, choose the width/shortest walls of the room for the return panels.

Kitchens only: When designing underfloor heating, you do not need to plan a path for pipes underneath permanent kitchen units. If this is a new room design, you may need to consider ordering more panels (to be used without pipes) to ensure the floor is all one level.

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