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# OEM

**Underfloor heating & cooling.  
Dry panel products.**





**Only working with industry leading companies to provide the products they need for their customers to provide a first class underfloor heating installation.**

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## **TIMOLEON**

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### **WHO WE ARE**

Established in 2008. Timoleon combines the best in technical knowledge and understanding of the underfloor heating and cooling industry. As a manufacturer and designer, Timoleon has developed and pioneered a variety of different emitter products.

### **OUR BUSINESS & EXPERTISE**

Underfloor heating is now a well-established technology. The benefits are well known such as lower running costs, being more comfortable, providing design freedom, using less energy and being safer.

At Timoleon we see these technologies transforming the indoor environment. Products that we make for timber and dry constructions for example, have pushed the industry even further forward and generated invaluable experience in good emitter design.

**We manufacture products to work with all floor constructions using a variety of materials, pipe centres & sizes.**

### **YEARS OF EXPERIENCE**

At Timoleon, we can draw on years of combined experience in the underfloor heating industry, and have the capability to deliver systems for the most challenging of installations.

Expertise + buying volume + specialised manufacturing process = lowest price



**Our work with you is confidential - your unique design requirements always remain your intellectual property.**

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## **PANEL DESIGN**

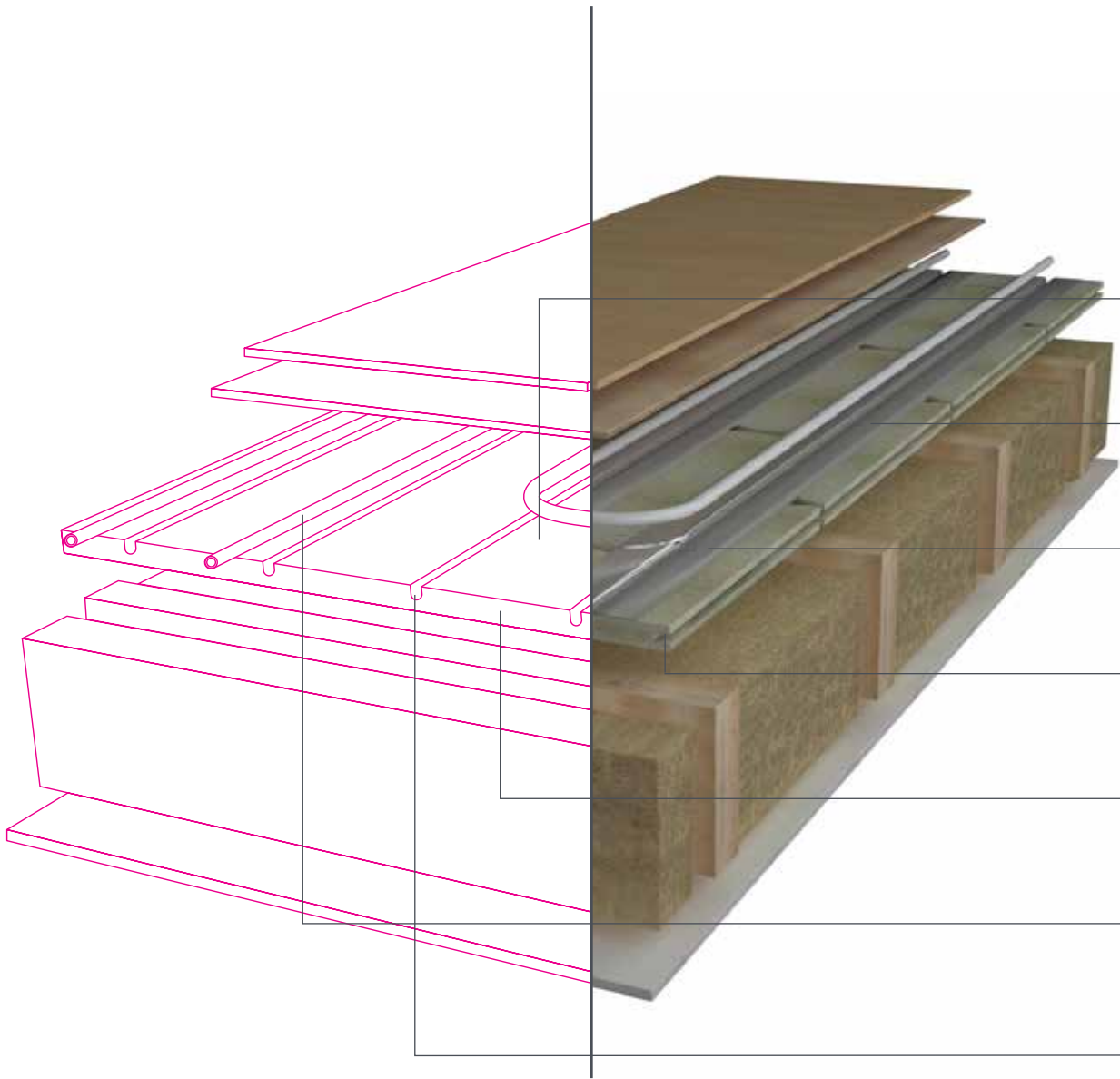
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Product research and development is the basis on which our company has been built. With a commitment to continuous product development, we make sure that we are always at the forefront of our industry. We take great pride in delivering the highest quality products that always meet our customers needs.

The range of products and design knowledge available from Timoleon with regard to dry systems is unprecedented. Timoleon has undergone more independent testing of emitters than any other underfloor heating manufacturer and is able to provide this service for any new products that it manufactures.

**We take care of the whole process, from understanding your requirements, through to design, manufacture and supply.**

We dedicate an experienced Project Manager to look after every aspect of a project, from understanding your requirements through to specification, manufacture, delivery and beyond.



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## CHOICES & OPTIONS

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A wide variety of choice is available to suit any construction or application. Timoleon can easily create new designs from scratch or adopt an existing emitter model.



### STANDARD OR BESPOKE DESIGN

Channel design that enables the installation to be done more easily.



### DIFFUSER THICKNESS & TYPE

Bonded aluminium thickness from 50 micron (um) or unfoiled for diffuser



### BRANDING



### PANEL THICKNESS

As required but typically from 15mm upwards.



### MATERIALS

Expanded polystyrene, extruded polystyrene, wood fibre, wood chip, cementboard and more



### PIPE SIZE

From 10mm+.



### PIPE CENTRES

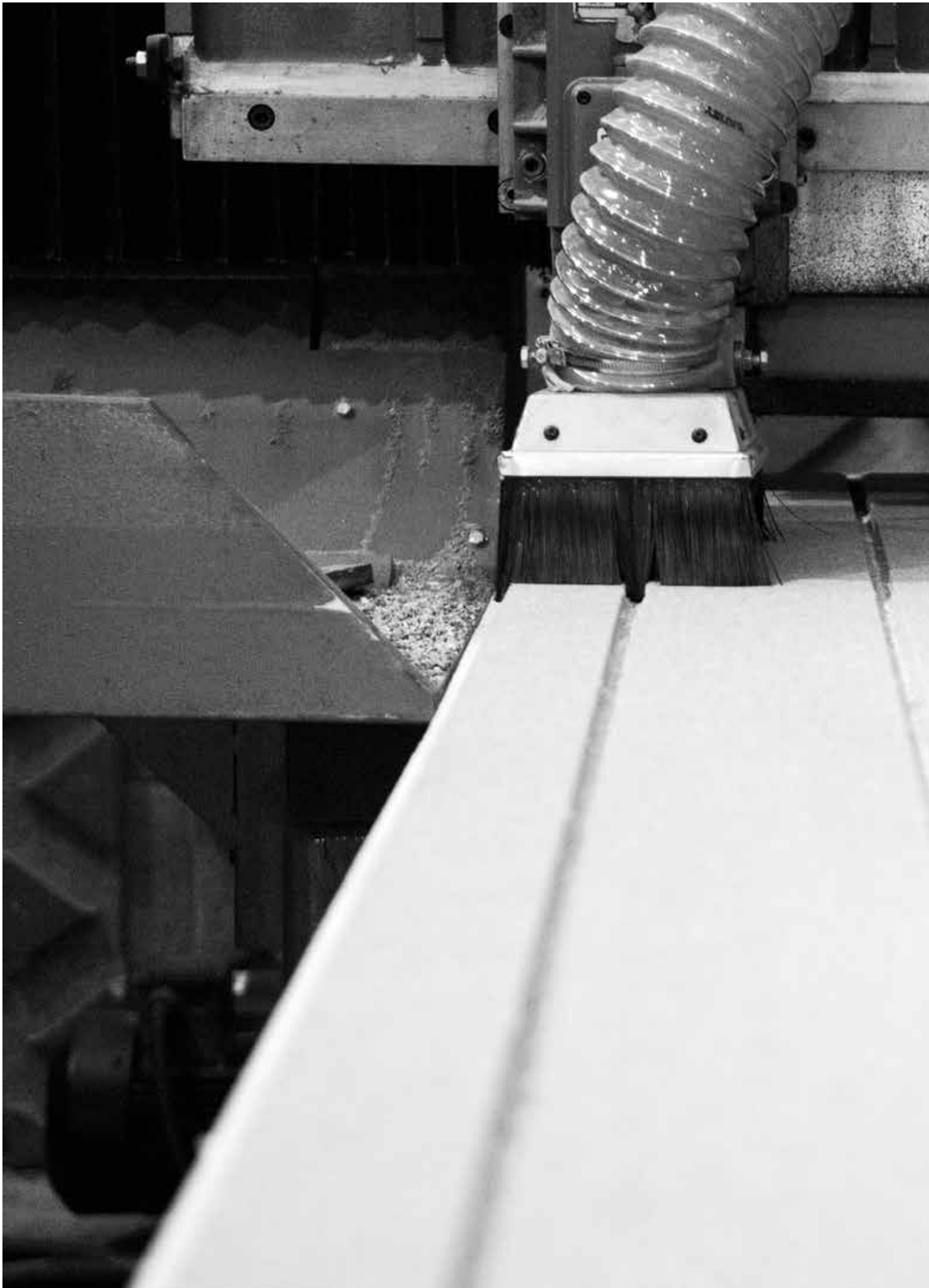
As required

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## CONSTRUCTIONS

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Panels can be designed to suit any floor construction. Our unique technical skills and manufacturing knowledge will always ensure that the product delivers the optimum performance for the given application.





# Our manufacturing process enables products to be created that can be incorporated within all types of floor, wall or ceiling construction.

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## MANUFACTURE

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Timoleon's manufacturing process enables products to be created that can be incorporated within all types of floor, wall or ceiling construction. Our unique ability, with patented manufacturing techniques, enables us to bespoke products manufacturing from a diverse range of materials allowing underfloor heating to be a consideration in any floor construction.

For example, Timoleon manufactures a range of insulation based floating floor systems that can be manufactured from extruded polystyrene (XPS) for applications where high-compressive strength is important or from (EPS) where a lower cost expanded polystyrene system is more appropriate. As with all Timoleon systems the product can be made to use any size or type of pipe and in a range of thicknesses.

Low build up systems enable underfloor heating to be used in retrofit applications where the existing floor cannot be replaced. These systems rely on being easy to install with installation over the existing floor and being as thin as possible. Timoleon has many years experience in the manufacture of these products using materials including cementitious board and wood fibre.

Timoleon is also able to integrate acoustic insulation into its products for applications where sound-reduction is important.

Structural floors with underfloor heating can be complicated to manufacture, Timoleon has long experience manufacturing panels from chipboard, plywood, OSB and other materials in a variety of sizes. Ensuring structural performance and conforming with the appropriate standards is crucial but often overlooked in the industry. Timoleon rigorously tests all of its structural floors to ensure that they comply.

**Timoleon are market leaders in innovative dry construction products for timber floors with considerable market experience, patented products and unique technology.**

**Timoleon is able to manufacture products to suit our customer's needs whatever the application.**

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## PROCESS

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### 1. SPECIFICATION

Client decides on the product specification whether standard or bespoke.

### 2. SIGN OFF ON BESPOKE PRODUCT

Samples are manufactured for the client, revisions made if necessary and then signed off.

### 3. TESTING

If testing is required, for example to determine the heat output, then Timoleon can undertake this on the client's behalf.

### 4. MANUFACTURE AND DELIVERY

Supplying direct to the client or to site.

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## WORKING WITH US

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If you have an application for heating and cooling emitter technologies we can work with you to manufacture the right product for your individual requirements. Timoleon can provide quotes for existing product designs, where there is no infringement on intellectual property, or to alter and bespoke an existing product to suit your specific application.

For standard products we are able to provide kWh values so that heat output can be calculated to BSEN1264 standards.

All our customers work with a dedicated Business Development Manager throughout this process. We will provide CAD designs and samples for sign off including any branding that may be required. As part of the supply, Timoleon is able to provide isometrics and illustrations for inclusion in your technical and sales literature.

Timoleon has a wide range of generic installation instructions, these are available to be adapted to suit your application.

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## GET IN TOUCH

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