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# **Aluminium Heat Diffusion Plates**

### **Product Information**

CELLECTA's ULTRAplates are made from highly conductive aluminium. Each heat spreader plate is manufactured to suit the specific application, diameter of pipe and spacing required. When inserted into an XFLO® board or any other insulation they will provide outstanding homogenous, rapid heat conduction through to the floor's surface.

### **Product Benefits**

- O Highly conductive, increases the UFH's efficiency
- Made from high quality aluminium
- Manufactured to suit pipe diameter and spacing required
- Works with XPS & EPS insulation boards
- Minimises downward heat loss
- O Available with 1, 2 or 3 impressions
- Large stock holding and prompt delivery
- Quick and easy to install
- Made in the UK





|   | 1i (One impression)                     |      |      |      |      |      |      |   |
|---|---|------|------|------|------|------|------|---|
| - | Product description                     | Α    | В    | C*   | D    | E    | F    |   |
|   |   | (mm) | (mm) | (mm) | (mm) | (mm) | (mm) |   |
|   | 1 impression plate to suit 10mm pipe    | 10   | 1000 | 130  | 65   | -    | 0.5  | $\begin{array}{c ccccccccccccccccccccccccccccccccccc$ |
|   | 1 impression plate<br>to suit 12mm pipe | 12   | 1000 | 130  | 65   | -    | 0.5  |   |
|   | 1 impression plate<br>to suit 15mm pipe | 15   | 1000 | 130  | 65   | -    | 0.5  | C   |
|   | 1 impression plate<br>to suit 16mm pipe | 16   | 1000 | 130  | 65   | -    | 0.5  | В———В—  |
|   | 1 impression plate<br>to suit 20mm pipe | 20   | 1000 | 130  | 65   | -    | 0.5  | -   |

<sup>\*</sup>Other widths manufactured to order

| 2i (Two impression)                     |           |           |            |           |           |           |  |
|---|-----------|-----------|------------|-----------|-----------|-----------|--|
| Product description                     | A<br>(mm) | B<br>(mm) | C*<br>(mm) | D<br>(mm) | E<br>(mm) | F<br>(mm) |  |
| 2 impression plate<br>to suit 10mm pipe | 10        | 1000      | 390        | 65        | 200       | 0.5       |  |
| 2 impression plate<br>to suit 12mm pipe | 12        | 1000      | 390        | 65        | 200       | 0.5       |  |
| 2 impression plate<br>to suit 15mm pipe | 15        | 1000      | 390        | 65        | 200       | 0.5       |  |
| 2 impression plate<br>to suit 16mm pipe | 16        | 1000      | 390        | 65        | 200       | 0.5       |  |
| 2 impression plate<br>to suit 20mm pipe | 20        | 1000      | 390        | 65        | 200       | 0.5       |  |

## **Third Party Accreditation and Approvals**







# **Environmental Credentials**





<sup>\*</sup>Other widths manufactured to order





# **Aluminium Heat Diffusion Plates**

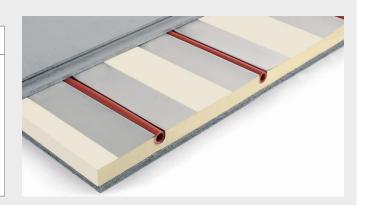
| 3i (Three impression)                   |           |           |            |           |           |           |          |
|---|-----------|-----------|------------|-----------|-----------|-----------|----------|
| Product description                     | A<br>(mm) | B<br>(mm) | C*<br>(mm) | D<br>(mm) | E<br>(mm) | F<br>(mm) | → A F    |
| 3 impression plate<br>to suit 10mm pipe | 10        | 1000      | 390        | 65        | 130       | 0.5       | <u> </u> |
| 3 impression plate<br>to suit 12mm pipe | 12        | 1000      | 390        | 65        | 130       | 0.5       |          |
| 3 impression plate<br>to suit 15mm pipe | 15        | 1000      | 390        | 65        | 130       | 0.5       | Ċ        |
| 3 impression plate<br>to suit 16mm pipe | 16        | 1000      | 390        | 65        | 130       | 0.5       |          |
| 3 impression plate<br>to suit 20mm pipe | 20        | 1000      | 390        | 65        | 130       | 0.5       | <u>↓</u> |

<sup>\*</sup>Other widths manufactured to order

#### **Packaging**

**ULTRAplates** are supplied in high grade, robust, easy to handle, 100% recycled cardboard boxes. Once used they are easy to flat pack and recycle. For large orders they can be supplied unwrapped in a large cardboard pallet box for quick installation.

|                      | Qı  | uantity pe | r box |                              |  |  |
|----------------------|-----|------------|-------|------------------------------|--|--|
| Impressing width (A) | 1i  | <b>2</b> i | 3i    | Box size<br>(mm)             |  |  |
| 10mm                 | 180 | 60         | 60    |                              |  |  |
| 12mm                 | 150 | 50         | 50    | 1020 (w) x 420 (d) x 460 (h) |  |  |
| 15mm                 | 120 | 40         | 40    |                              |  |  |
| 16mm                 | 120 | 40         | 40    |                              |  |  |
| 20mm                 | 84  | 28         | 28    |                              |  |  |



**CELLECTA**'s extensive range of high performance underfloor heating, thermal and acoustic insulation products are supported by a technical advice line, staffed by experienced consultants who can provide a number of useful services including:

- U-value, condensation risk or imposed load calculations
- Advice on the most suitable products to use
- Issue detailed fixing instructions
- Arrange site surveys
- Technical specifications



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