

Product Installation Guide

Product Range

REFLEX® aluminium & brass movement joints

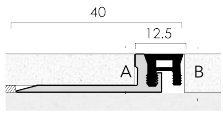
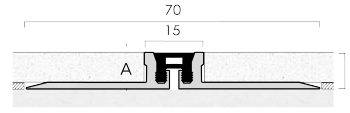
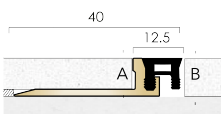
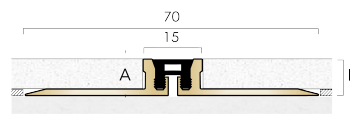
Product Description

Brass or Aluminium profiles with polyurethane elastomer expansion medium designed for use with all types of hard flooring to eliminate cracking and protect the edges of tiles caused by building movement or thermal expansion and contraction. Reflex profiles can be fitted over underfloor heating systems, operating within normal temperature ranges of such installations, up to a maximum of 30 °C.

The expansion medium is acid, alkali, chemical and stain resistant.

It is available in Grey and Black (other colours available on request, subject to minimum quantity requirements) and under pressure will compress readily by 20%.

Please choose the correct profile height to suit the application:

| Single Leg Profiles | Double Leg Profiles | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|--|------------|--|--|--|---|---|------------|------------|-----|-----|------|------|------|------|-------|-------|------|------|-------|-------|------|------|-------|-------|-------|--|--|--|---|---|------------|------------|-----|-----|------|------|------|------|-------|-------|------|------|-------|-------|------|------|-------|-------|
|  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|  |  | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | <table border="1"> <thead> <tr> <th colspan="4">Aluminium</th> </tr> <tr> <th>A</th> <th>B</th> <th>Double Leg</th> <th>Single Leg</th> </tr> </thead> <tbody> <tr> <td>7.5</td> <td>9.0</td> <td>RAD9</td> <td>RAS9</td> </tr> <tr> <td>11.5</td> <td>13.0</td> <td>RAD13</td> <td>RAS13</td> </tr> <tr> <td>14.5</td> <td>16.0</td> <td>RAD16</td> <td>RAS16</td> </tr> <tr> <td>17.5</td> <td>19.0</td> <td>RAD19</td> <td>RAS19</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th colspan="4">Brass</th> </tr> <tr> <th>A</th> <th>B</th> <th>Double Leg</th> <th>Single Leg</th> </tr> </thead> <tbody> <tr> <td>7.5</td> <td>9.0</td> <td>RBD9</td> <td>RBS9</td> </tr> <tr> <td>11.5</td> <td>13.0</td> <td>RBD13</td> <td>RBS13</td> </tr> <tr> <td>14.5</td> <td>16.0</td> <td>RBD16</td> <td>RBS16</td> </tr> <tr> <td>17.5</td> <td>19.0</td> <td>RBD19</td> <td>RBS19</td> </tr> </tbody> </table> | Aluminium | | | | A | B | Double Leg | Single Leg | 7.5 | 9.0 | RAD9 | RAS9 | 11.5 | 13.0 | RAD13 | RAS13 | 14.5 | 16.0 | RAD16 | RAS16 | 17.5 | 19.0 | RAD19 | RAS19 | Brass | | | | A | B | Double Leg | Single Leg | 7.5 | 9.0 | RBD9 | RBS9 | 11.5 | 13.0 | RBD13 | RBS13 | 14.5 | 16.0 | RBD16 | RBS16 | 17.5 | 19.0 | RBD19 | RBS19 |
| Aluminium | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | B | Double Leg | Single Leg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.5 | 9.0 | RAD9 | RAS9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 11.5 | 13.0 | RAD13 | RAS13 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 14.5 | 16.0 | RAD16 | RAS16 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17.5 | 19.0 | RAD19 | RAS19 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Brass | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| A | B | Double Leg | Single Leg | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7.5 | 9.0 | RBD9 | RBS9 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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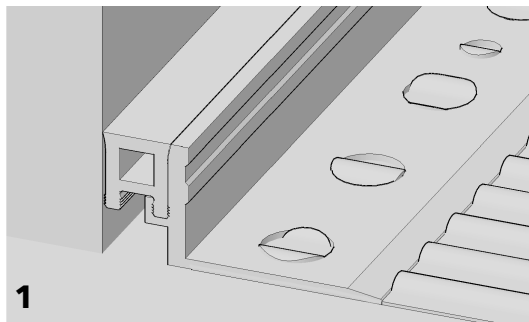
General:

Movement joints should be provided in accordance with BS5385-3:1989, clauses 19 and 23.6 for floors, which gives guidance on location and design. Movement joints are normally positioned in the following locations:

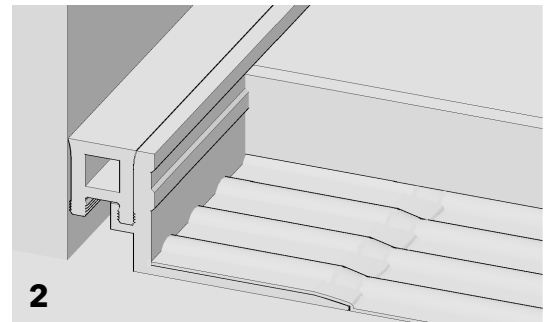
- Directly over structural movements joints incorporated into the sub-floor
- Around the perimeter of floors and where floor finishes abut to fixed machinery, structural column bases, etc.
- Where ceramics abut to other flooring materials.
- Where ceramics are continuous across junctions of different base materials.
- At 30m intervals in large floor areas with stress relieving joints at 10m intervals internally or 6m intervals externally.

Failure to provide adequate movement joints is a major cause of failure in ceramic and stone floor surfaces.

Installation - Single Leg Profiles:

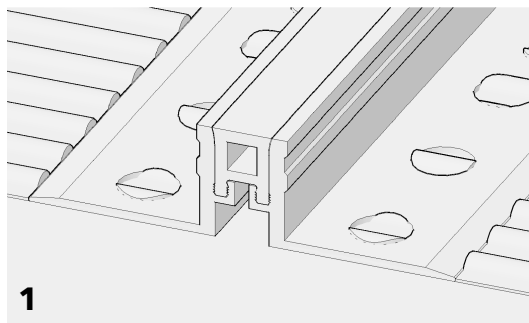


1
Install the movement joint profile at the same time as the flooring. Using a notched trowel, spread the tile adhesive evenly over the area where the movement joint is to be positioned. Bed the profile firmly into the adhesive without compressing the expansion medium against the structural fixture.



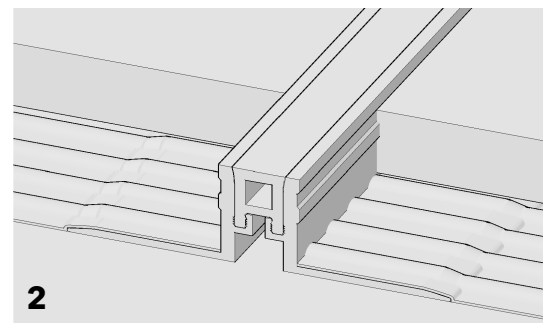
2
Cover the base of the installed profile with additional tile adhesive making sure that the holes in the base are completely filled. Begin laying the tiles or stone flooring leaving a gap for grouting between the profile and the tile. Any grout should be removed from the surface of the profile immediately.

Installation - Double Leg Profiles:



1
Determine and mark the position on the subfloor that the Reflex profile is to be fixed having taken into account the dimensions of the tiles or stone flooring to be installed on each side of the profile.

Apply tile adhesive and bed the profile as described above.



2
Cover the base of the installed profile with additional tile adhesive making sure that the holes in the base are completely filled. Begin laying the tiles or stone flooring leaving a gap for grouting between the profile and the tile.

Any grout should be removed from the surface of the profile immediately.

Made with Precision, Finished with Care