

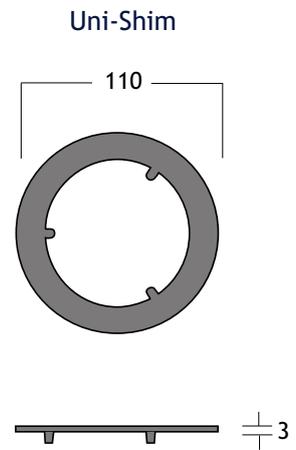
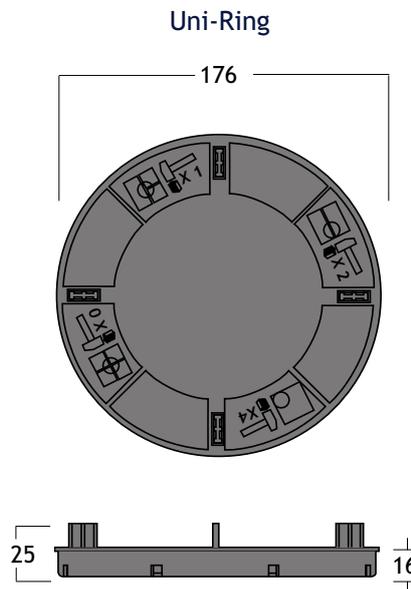
Harmer Uni-Ring - Range Summary & Installation

Range Summary

Basic components

- Ring with collapsible spacers
- Height adjustment shims

Harmer Uni-Ring is quick and easy to install, and provides fast, efficient drainage through the open joints of the slabs to the concealed drainage below. The system is ideal for any waterproofed substructure and especially for inverted roof constructions where ballasted insulation is laid onto the waterproofing layer of the flat roof. Traditional bedding and grouting materials are not required, and once installed, the paving slabs can be easily lifted for simple inspection of the drainage outlets and for substructure maintenance.



SCALE 1:4

The scale drawings on this page are provided to assist in the preparation of installation details.

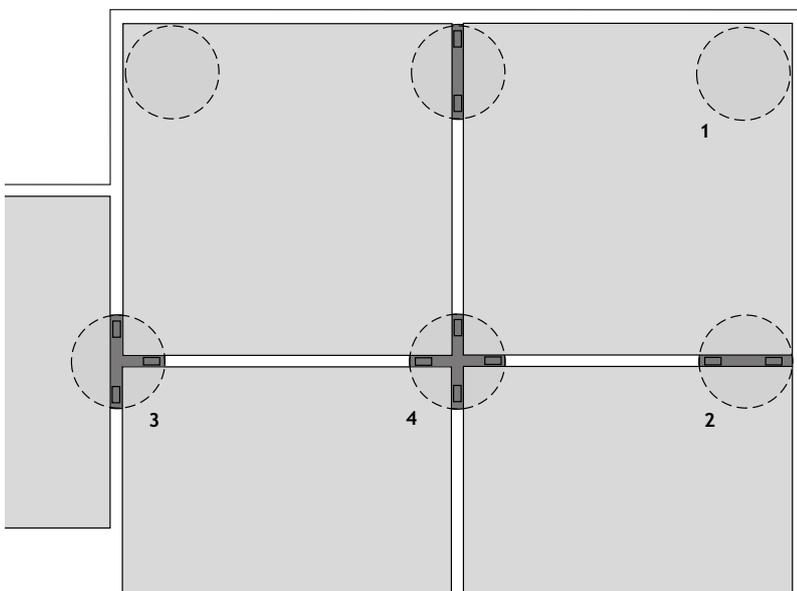
All dimensions are in millimetres.

A maximum of 2 No. Uni-Shim can be used per Uni-Ring.



- 1 Injection-moulded polyethylene body
- 2 Collapsible spacer - hammers down into body of Harmer Uni-Ring when not required

Installation



Notes

1. All four optional spacers hammered down flush with ring at perimeter of enclosing wall or parapet.
2. Two optional spacers hammered down at junction of two slabs.
3. One optional spacer hammered down at junction of three slabs.
4. All four optional spacers left upstanding at junction of four slabs.

Harmer Uni-Ring can accommodate a variety of paving slab thicknesses. The unit sizes, spanning capacity and loading of the slabs will determine the spacing and layout pattern of a paving slab support system.