Podfix Systems

PODFIX IS A NON-INFRINGING PRODUCT

The Podfix system is a revolutionary system of lost formwork used to produce concrete void floor structures of superior quality

The Podfix System has been developed in Australia using the latest technologies to incorporate features and solve problems that have only now become possible to overcome. The Podfix Cruciform spacer has the highest load carrying capacity of any available waffle spacer. Its single immensely strong central tower section enables reinforcing elements to be placed with great ease, accuracy and security. If a T or L shaped spacer is required Podfix cruciforms can be easily cut, using tin snips or similar, to the required shape and offcuts used as separate spacers. Podfix top mesh spacers are designed to minimise damage to void surfaces when used in adverse conditions.

The Podfix Spacer is most effective when used with void forms. Illustrations are for guidance only.

The Podfix System when used as directed will produce floor structures of immense strength and low environmental impact by ensuring that the concrete and steel elements are accurately located precisely where required with no waste. The Podfix System plastic components are quality products and are designed to withstand high shock loads as well as static loads.

Podfix Systems have been designed to comply with all present Australian Standards and codes.

The Podfix system for voided slab construction

Podfix spacers have been developed to provide multi-purpose units for use in voided constructions of many types.

Some of the factors which have contributed to the success of Podfix spacers include:

- ease of site preparation
- ease & speed of void form and reinforcement installation
- integrity of the void matrix by the locking together of the main reinforcement bars ensuring three-dimensional concrete cover to the bars.

The volume of concrete to create a given void slab an be easily and precisely calculated.

The ultimate properties of void raft slabs are of course dependent on their design parameters and quality of their components.

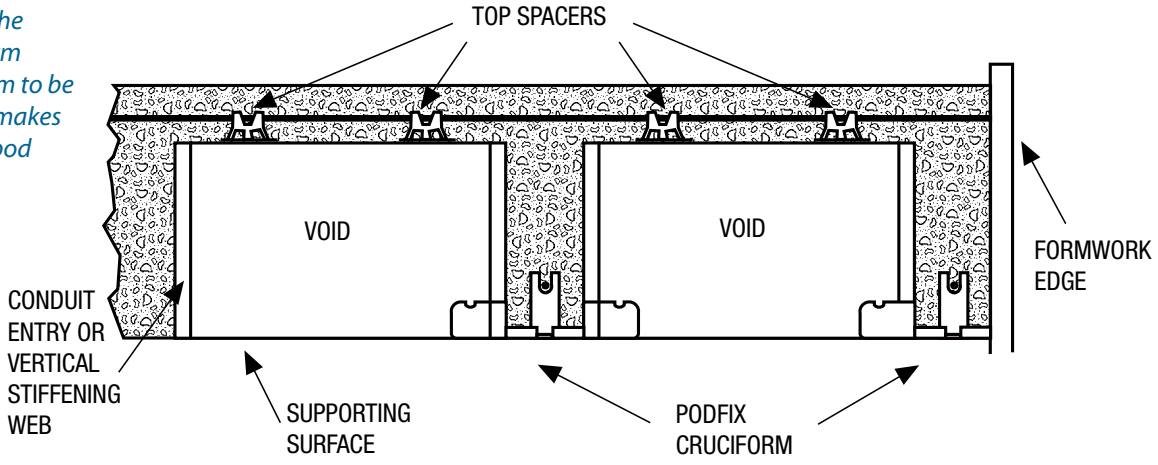
Carefully controlled steel and concrete quality, together with the precise and secure location of void forms and reinforcing elements offered by Podfix spacers, will produce a slab of the highest quality, of predictable physical properties and the longest possible service life.

The inherent depth of voided slabs compared with solid slabs of the same concrete volume enables greater strength and stiffness to be achieved.

Because of the nature of a voided slab, with voids remaining in-situ after the concrete has cured, a degree of insulation is achieved for both temperature and acoustically when compared with solid construction. In essence, the voided slab is engineered to utilize its components most effectively. This means that bulk concrete used in typical monolithic construction can, in some cases, be displaced. where there is no structural reason for its use.

Major savings in material costs and dramatic reduction in construction mass can be achieved by employing voided construction.

Simple and cost-effective, the versatility of Podfix cruciform spacers, which enables them to be easily cut to shape on site, makes them Australia's preferred pod spacer.



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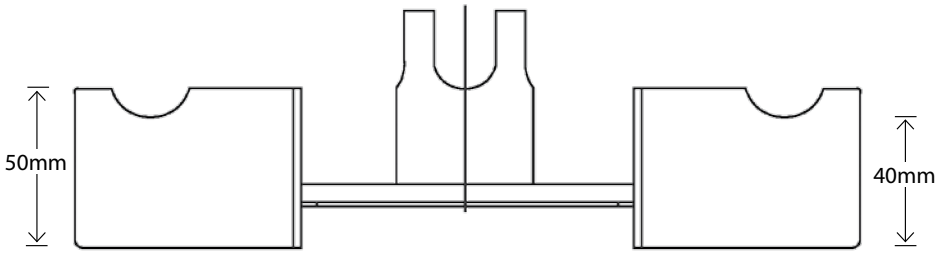
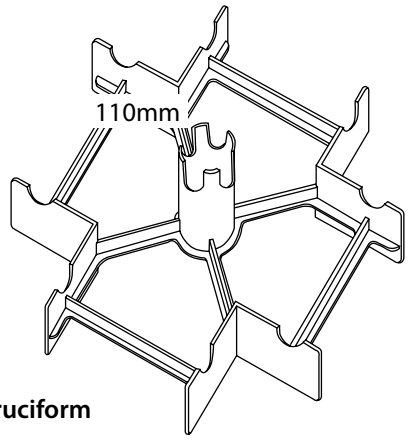
Reference	Decsription	Qty/Bundle	Weight / bundle kg	Qty / Pallet
Podfix	Cruciform Spacer	10	1.0	95
T-Spacer	Edge Formwork Spacer	10	1.0	100

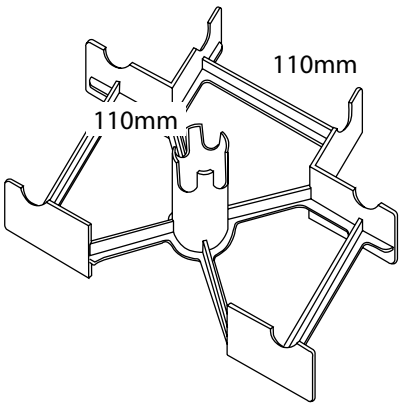


Side View

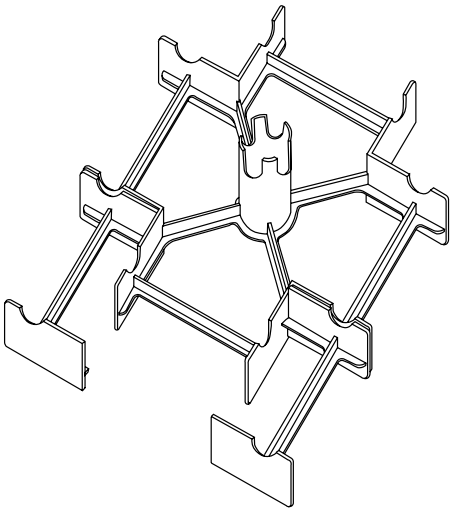
VARIOUS CONFIGURATIONS MADE POSSIBLE FOR EDGE FORMATION BY CUTTING



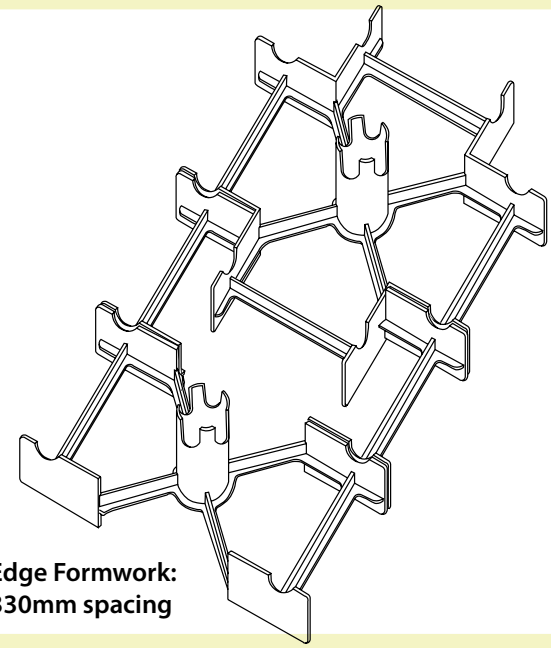
Podfix Cruciform



T-Spacer: 110mm spacing



Edge Formwork: 220mm spacing



Edge Formwork: 330mm spacing