

# CANZAC® | GROUP LTD

Improving the performance of concrete worldwide®



## UNDER SLAB

## SPEEDFORM

### A UNIQUE SHUTTERING / FORMWORK SYSTEM THAT REPLACES TRADITIONAL TIMBER FORMWORK

SpeedForm is made up from wire mesh that is covered on both sides with a heat-shrink layer of polyethylene.

Built structurally strong but lightweight, SpeedForm is easy to handle on site. It is also a very versatile formwork system that is ideal for radius applications and its installation is so fast and easy. There's no need for a hammer, nails or skill saw, only tie wire and Bar Chairs.

SpeedForm is supported by means of proprietary spacers attached to the reinforcement cage which transfer the backfill pressure onto it. When complete, the backfill material supports the SpeedForm system during the concrete pour.

Our technical/support staff can provide detailed information for individual contracts. They can also provide on-site assistance during foundation construction.

The SpeedForm system relies on the correct spacer application for support and to achieve the specified concrete cover to the reinforcement.

#### Specifications:

- High tensile steel wire, 485 N/mm<sup>2</sup>
- Wire diameter 5.5 / 4.0mm
- Polyethylene (CH<sub>2</sub>)<sub>n</sub> Plastic sheet
- 2.64kg/m<sup>2</sup>



#### SPEEDFORM Foundation Formwork System

19 105	2.850 x 525mm	19 120	2.850 x 1200mm	Each
19 110	2.850 x 675mm	19 125	2.850 x 1275mm	Each
19 112	2.850 x 750mm	19 140	2.850 x 1575mm	Each
19 115	2.850 x 975mm	19 200	2.850 x 2250mm	Each

\*Custom Sizes Also Available

#### KEY FEATURES / BENEFITS

- Arrives pre-formed, meaning it can be installed by unskilled labourers.
- Delivered to site in virtually any module size required.
- Ideal for radius applications.
- Fast and easy to install.
- Larger use for applications due to its versatility.

#### USES

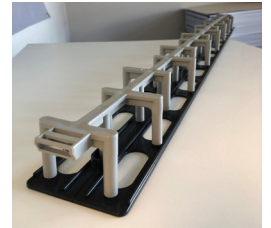
- Ground Beams
- Pile Caps
- Ribbed & Waffle Slabs
- Recesses
- Construction/Cold Joints
- Penetrations
- Temporary Fencing
- Safety Screens
- Footings & Foundations
- Weather & Dust Protection



## UNDER SLAB SPEEDFORM INSTALLATION INSTRUCTIONS

The CANZAC® Cage rail with base plate was designed to minimise the time associated with tying individual bar chairs to the stirrups of the reinforcing cage. To achieve the desired concrete cover to the face of the form.

The CANZAC® Cage rail spacer is 1100mm long and is available in heights from 25mm to 75mm. The CANZAC® Cage rail will save you time and money in all of your forming applications.



Fast way

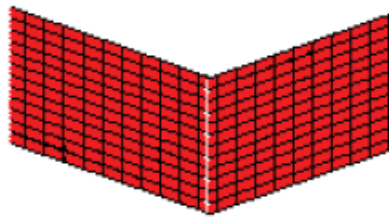
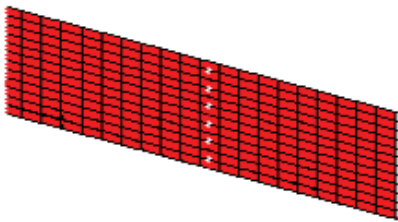
Slow way

- Discharge soil to side of dig then backfill manually.
- Place backfill to within 50mm of finished concrete level.
- Keep site traffic away from fixed SpeedForm ready for concrete.
- Place concrete as easily as possible after SpeedForm and rebar is fixed to avoid risk of deformation of units caused by prolonged wet weather.
- SpeedForm schedule provided to help with the installation/assembly.
- Each unit has a schedule reference clearly marked.



### Site Cutting and Folding

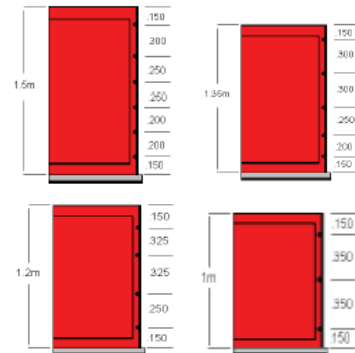
Tools Required: Waterproof or permanent marker pen, craft knife and bolt cutters.



Mark a line on fold on SpeedForm with a pen. Leave the top wire intact and cut alternate wires (x) for width of unit.

Fold the SpeedForm on a bench or on the ground. A suitable timber straight edge may be used to assist with the folding. Cutting every other wire at the fold point makes SpeedForm easy to bend on site.

Only cut wires at fold – not polyethylene sheet.



### Spacer Application – Pile Caps (SpeedForm spacers allowed for sides only)

Suggested spacer application for pile caps. Spacers to be adjusted to suit ground conditions & depth of excavation. For caps 1500-1000mm deep, do not exceed 300mm centres for lower third of caps, maximum 400mm centres at upper level.

Note: maximum of 450mm centres horizontally.

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