



aluminium  
**formwork**  
speed • quality • efficiency



**ACCESSORIES**

Efficiency

Cost Effective

Quality

Design

Simplicity

Speed

Technology

Safety

Environmentally Friendly

# Introduction

MFE's accessory components are designed and created to be used in conjunction with the erection of MFE System Formwork.

Separated into four sections, all components are grouped under:

- Attachments
- Safety Equipment
- Steel Accessories
- Special Tools.

Each individual item within this catalogue has a unique function and a special place within the MFE Formwork System.



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Walls and Columns exceeding 450mm should be secured using MFE Walers, Dywidag Rod & Tie Nut.

Walers can be fabricated from both 75 x 50 x 2.3mm RHS and 100 x 50 x 2.3mm RHS depending on the thickness of the Wall, Column and floor to floor height.



Dywidag Rod

Dywidag Tie Nut

Walers fabricated from both 100 x 50 x 2.3mm RHS and 75 x 50 x 2.3mm RHS depending on thickness of Wall, Column and floor to floor height.



### Pin 50

Used to join 2pcs of formwork together.



### Pin 75

Used to join 2pcs of formwork together "while incorporating a 25mm filler".



### Pin 100

Used to join 2pcs of formwork together "while incorporating a 50mm filler".



### Pin 132

Used to secure the Beam Bars in position.



### Wedge

Designed to secure the pin in place "items 1 to 4".



### Beam/Kicker Strap

Used as means of ensuring 2no adjoining formwork components are aligned. (Each Bundle consists of 5pcs).



### Wall Tie

Used to hold the formwork panels exact distance apart (retrievable item after each and every casting).



### PE Sleeve

Covers the flat wall tie and cut to suit wall thickness "min of 4no uses".



### Polythene Tubing

Covers PE sleeve including flat wall tie "cut 15mm longer than PE sleeve" [Consumable Item].



### Snap Tie

Used to hold the formwork panels exact distance apart (Left embedded in the Wall becoming consumable item) "Breaks of inside wall surface".



### Cone Tie

Used to hold the formwork panels exact distance apart (Cone part removable items leaving behind the threaded part embedded in the wall).



### Dywidag T-Rod

For securing of the Vertical Soldiers on bolting up of formwork to control alignment.

# Attachments



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**Dywidag Scaffold Rod**  
(Dywidag Rod imported from Europe)  
For securing of the Working Platform brackets.



**Dywidag Pin**  
Securing of Walers.



**Dywidag Rod**  
Used in place of the flat wall ties when wall thickness exceed 450mm.



**100mm Dywidag Tie Nut**  
Used to secure Working Platform Brackets, Walers & Dywidag Pin.



**Dywidag Wing Nut**  
Used to secure the Vertical Soldier that controls alignment at slab level.



**Turnbuckle (Bottle Screw)**  
To assist on alignment & verticality of formwork if necessary.



**M16 x 30mm Bolt**  
For permanent fixing of components.



**16mm Spring Washer**  
Used together with M16 x 30mm Bolt.



**M16 x 80mm Bolt (Kicker Bolt)**  
Used to anchor the Kicker in position after concreting is finished (reusable item).



**16mm Flat Washer**  
Used on Kicker Bolt (Consumable Item).



**M16 Nut**  
Used in conjunction on the securing the M16 x 80mm Kicker Bolt (Consumable Item) Also used to assist the securing of the M16 x 30 Bolt for permanent fixings.



**Alignment Waler Bracket**  
Special Bracket for the securing of the 50 x 50 x 3.0mm alignment Waler.



## Safety Equipment



### Fall Arrest Block

Used when removing lower level of Working Platform.



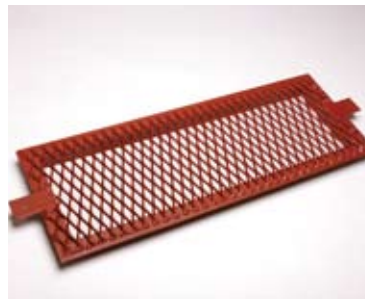
### Safety Harness

Worn when working at the perimeter edge or on the perimeter of the building.



### Edge Protection Posts

Designed to provide a Safety rail at the perimeter edge of the structure at the top working level during placement of reinforcement & concrete.



### Transfer Hole Cover

Designed to temporarily cover all transfer openings in the slab.

## Special Tools



### Panel Puller

Specialized tool used to assist removal of the formwork.



### Wall Tie Puller

Designed to remove Wall ties after casting.



### Podger

Used to align holes on corresponding panels.

## Steel Accessories



### Door Spacer

To control width of door openings at floor level.



### Drop Frames

To form sunken slab areas.



### Vertical Leg Support

Used to support Drop Frame.



### Building Spacer

Used for positioning & providing support for Drop Frames.



### Vertical Soldiers

Used to control alignment of formwork at Slab level.



### Transfer Box-outs

To form opening in the slab to facilitate transfer of the formwork to the next level.



### Wall Mounted Platform Bracket

Attached to the wall to form a working platform on perimeter of the building including Lift Core & Void areas.



### Scaffolding Extension Post

Designed to extend height of the safety perimeter.



### Slab Mounted Platform Bracket

Attached to the slab to form a working platform on the perimeter of the building.



### Hop up Stool

Used internally to install high level formwork.



### Waler

Used to support formwork when wall tie cannot be used.



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