

Reinforcements & Formwork Accessories

Concrete Spacer Block

We stock a wide range of fibre reinforced concrete spacer blocks that allow cover to steel fabric in both horizontal and vertical applications. They have a high compressive strength and come in a range of sizes with both double and triple cover available.

Sizes

25/30
30/40
40/50
65/70
20/25/30
34/40/50



Concrete Square Bar

A heavy duty concrete bar used to support large reinforcement in heavy duty slabs.

Sizes

25mm
30mm
40mm
50mm
60mm
75mm
100mm



Plastic Wheel spacer

A wide range of clip-on plastic wheel spacers suitable for all pre-cast and site applications.

25mm	4 to 12
25mm	12 to 20
30mm	4 to 12
30mm	12 to 20
40mm	4 to 12
40mm	12 to 20
50mm	4 to 12
50mm	12 to 20



Plastic Track Spacer

A continuous plastic spacer which is used to support reinforcement in suspended slabs. It offers excellent stability with good concrete flow characteristics as well as being light weight.

Sizes

25mm
30mm
40mm
50mm
60mm
70mm



Meshfix Spacer

Sizes

A heavy duty double cover spacer which is designed to support mesh and reinforcing bar on top of DPM membranes and insulator

25/30
40/50
65/75
90/100

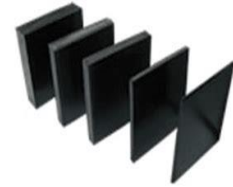


Levelling Shims

Sizes

Used for alignment and levelling of heavy section steel plate & pre-cast concrete sections. Available as plain flat section or horseshoe type for fitting around connecting bolts.

2mm
3mm
5mm
7mm
9mm
10mm
20mm



Black Annealed Tying Wire

Sort black annealed 16 gauge tying wire is used for the tying of mesh reinforcement, bar and spacer block.



Mini Coil Mesh, Dispenser & Knips

Disposable tying wire reel to dispense tying wire as needed.
Safe - wire drawn from reel when needed.
Efficient - a full day's supply at your fingertips.
Convenient - both hands free to handle and place rebar, prior to tying.
Pre-pour cleansing - no unused lengths of wire left in the pour area.
Environmental - waste wire is negligible, plastic case is fully recyclable



Loop Ties & Tying Tool

This is an alternative way of tying reinforcement. The tie is wrapped around the steel then the tool is used to tighten using the tying tools ratchet action to twist and secure the tie in place.



Continuous Hy-chair

Uses include supporting mesh in floor slabs maintaining accurate cover and spacing reinforcement in wall sections supplied in standard 2 meter lengths.

Larger sizes available on request.

Sizes

50mm
75mm
90mm
105mm
120mm
135mm
150mm
165mm
180mm
200mm



Hoop Spacer

A fast and economical way to support mesh reinforcement prior to concrete pour. The hoops are formed into a 1 meter diameter circle and placed three to four per sheet of mesh which is generally sufficient.

Sizes

50mm
60mm
75mm
90mm
105mm
120mm
135mm
150mm



Steel Snake Spacer

The Snake Spacer provides a quick easy and economical method of supporting between two layers of reinforcement in concrete slab and panels. The spacers are supplied in an effective length of 2.0 metres and range in size from 50mm up to 150mm.

Sizes

50mm
60mm
75mm
90mm
105mm
120mm
135mm
150mm



Waxed Cardboard Bolt Boxes

Made from waxed cardboard, they provide an easy method of aligning hold down bolts for steel frame structures.

Sizes

229mm
305mm
380mm
457mm
534mm
610mm
762mm



Expanded Metal Bolt Boxes

Made from expanded metal for the positioning of hold down bolts where the bolt box is to remain in the concrete.

Sizes

- 225 x 75
- 300 x 75
- 375 x 75
- 450 x 100
- 600 x 100
- 800 x 100



Plastic Bolt Boxes

The Plastic Bolt Box has been designed to overcome the numerous inherent difficulties and problems that can occur when using existing systems. It is essentially a polypropylene cone with an integrated chamber that housed the base plate and bolt. The sleeve is available in the 'one size suits all' form to simplify ordering and onsite use. A top cap with central hole is provided as a separate piece to complete the unit. The main body of the cone is marked for easy identification of required length and the top cap will accommodate all variations.



Hold Down Bolts

Used as a fixing method in concrete bases where a steel frame is to be situated. These come in a range of sizes and produced from 8.8 grade steel.

Sizes

- 20 x 300
- 20 x 375
- 20 x 450
- 24 x 375
- 24 x 450

other sizes available on request.



Non Shrink Grout

A high Strength non shrink cementitious grout to mix with water provides excellent free flow properties for grouting in hold down bolts. Also available in thick section & high flow variations



Anti-corrosion Tape

Cold applied conformable fabric based tape for the corrosion protection of pipes, Cables, rods, Valves and metal fittings from corrosion. It comprises non-rotting synthetic fibre fabric impregnated and coated with a compound based on petrolatum and inert fillers. Available in 10m rolls & 50mm,75mm & 100mm widths.



Mild Steel Dowel Bar

Plain round mild steel dowel bar used in contraction and expansion joints in concrete slabs. Available in different diameters and lengths.

other sizes available on request

Sizes

12 x 450
12 x 600
12 x 900
16 x 400
16 x 600
20 x 600
25 x 600



Dowel Bar Sleeves

These flexible pvc sleeves are used in conjunction with dowel bar and provide an effective method of debonding.

Sizes

12 x 450
16 x 300
16 x 450
20 x 300
25 x 300



Dowel Bar Paint for Debonding

Dowel bar paint is a bitumen based compound used for bond breaking of dowel bars in Concrete.



Dowel Bar Caps

A rigid pvc tube filled with compressible foam filler at one end which is designed to allow for expansion of the dowel bar in a construction joint.

Sizes

12 x 100
16 x 100
20 x 100
25 x 100



Dowel Bar Expansion Cradle

Supplied in separate half sections which are placed either side of the joint, expansion joint dowel bar cages can be used both in road and floor slab construction. They are supplied in 1.2 metre lengths.



Dowel Bar Contraction Cradle

Supplied in separate half sections which are placed either side of the joint, expansion joint dowel bar cages can be used both in road and floor slab construction. They are supplied in 1.2 metre lengths.



Plastic Screed Chairs

These easily adjustable plastic screed chairs are designed to be left in the concrete completely or partly taken out. Suitable for use with scaffold tubes or screed rails and on slab depths 150mm to 350mm.



Metal Screed Chair

A robust two component metal screed chair for screeding slabs upto 400mm deep.



Kota Metal top Screed Rail

Kota Metal Top Screed Rails make it easier to achieve a very straight and fully controlled hairline crack. These are supplied in 3.9m lengths.

Distance between dowel holes is 300mm.

Sizes

- 50mm
- 65mm
- 90mm
- 115mm
- 140mm
- 165mm



Kota Metal Screed Rail

A lightweight and easy to handle screed rail which needs minimal room for storage. Very robust, no damage in transport and galvanising prevents rust. This screed rail come complete with steel holder for fixing and plastic clip to fix ends together. These come in 3.9m lengths.

Sizes

- 27mm
- 55mm
- 75mm
- 100mm
- 120mm
- 145mm



Kota Concrete Screed Rail

The kota Concrete Screed Rail is very sturdy with its profile providing excellent bonding and superior consistency on the top face. Supplied in 3.9m lengths.

Sizes

- 80mm
- 100mm
- 125mm
- 150mm



K-Form Screed Rail

K-FORM UPVC Screed Railing provides the construction industry with an economical, efficient and environmentally friendly alternative to steel and timber formwork. Supplied in 3m lengths and with a removable 10mm top strip.

Sizes

- 35mm
- 85mm
- 135mm



Polythene Membranes - BBA

Supplied in different Gauges for different applications.

- | | |
|-------|-----------|
| 2000g | 4 x 12.5m |
| 1200g | 4 x 25m |
| 1000g | 4 x 25m |
| 500g | 4 x 50m |
| TPS | 4 x 25m |



Joint & Lap Tape

50mm x 10m Double sided jointing tape to seal two separate pieces of polythene sheathing together.

75mm x 25m Single sided tape to seal the lap between the two separate surfaces to create an impermeable barrier against moisture ingress.



Polyethylene Joint Filler

Polyethylene joint filler for use as an expansion joint filler in concrete, brickwork and blockwork. Being low density it is also useful for forming isolation joints for machine bases or similar locations. Available in various thicknesses, strips and full sheets. Strips come in either a 10m roll or 2m length depending on the thickness and full sheets are 2m x 1.2m.

Thickness

- 10mm
- 12mm
- 15mm
- 20mm
- 25mm



Bitumen Impregnated Fibre Board

A compressible joint filler manufactured from bitumen impregnated wood fibres. Supplied in sheet form and strips this versatile product is used for filling expansion joints in concrete slabs. Available strip widths 100, 150 & 200mm and 2.44m long and full sheets 1.2m x 2.2m

Thickness

- 12mm
- 20mm
- 25mm



Contact Adhesive

Contact adhesive is used to fix filler boards to various surfaces



Grab Adhesive

Solvent Free adhesive used for fixing rigid insulation and fill boards to various surfaces.



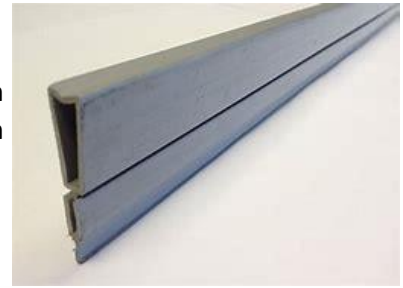
Panther Construction Products

Crack Inducers & Void Formers

One part top crack inducer
Used to induce controlled cracking in concrete Slabs.

Sizes

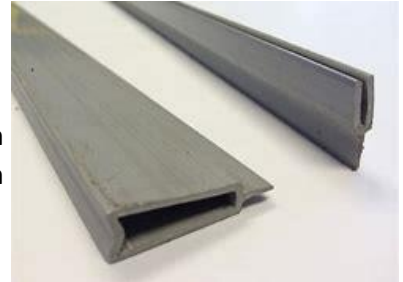
10 x 50mm
10 x 75mm



Two part top crack inducer
Used in the same application as the one part crack inducer but the top section can be removed and seal can be added to the void after the concrete have cured.

Sizes

10 x 50mm
10 x 75mm



Bottom crack inducer
Used to induce a controlled crack from the underside of the slab. These can be used in conjunction with a top crack inducer or saw cutting.

Sizes

40mm
50mm



Void Former
A reusable rigid PVC void former which is used in conjunction with fibre board to create a void prior to the concrete curing which can then be filled with sealant. Supplied in half or full sections and in 3m lengths.

Sizes

20 x 10mm
20 x 20mm
25 x 12mm
25 x 25mm



Foam Backer Rod

Backer Rod is a non absorbent compressible grey closed cell polyethylene foam backup material. It is inserted into a joint to control sealant depth and create a backstop to allow proper sealant tooling.

Box Qty	Sizes
1150lm	10mm
750lm	15mm
350lm	20mm
200lm	25mm
160lm	30mm
270lm	40mm
180lm	50mm



Tie Bar

High tensile steel tie bar designed for use with formwork.
Available in 15mm & 20mm diameters.



Wing Nuts

Used with Waler plates to secure tie bar in place.



Waler Plates

These pressed steel plates are used along with wing nuts and tie bar to secure formwork.



Tie Bar Connector

A jointing nut is used to connect two pieces of tie bar together with a central stop to ensure equal spacing inside the connector.



Water Barrier Connector

Used in water retaining structures. Cast into the concrete wall between two separate tie bars. After the pour the bars are removed and the water barrier remains in place.



Rock Anchor

Used for fixing single-sided shuttering or similar structures in rock, concrete or comparable load-bearing ground.



Plastic Cast in Anchors

A plastic anchor which is secured to the formwork prior to the initial pour to provide an anchor for tie bar on future pours.



Metal Cast in Anchor

A metal anchor which is secured to the formwork prior to the initial pour to provide an anchor for tie bar on future pours.



Tie Bar Sleeve

PVC tubing used as a spacer between formwork which allows tie bar to be easily removed.



Sleeve Cones

PVC cones used either end of the tie bar tubing which can be easily removed after the formwork has been struck.



Flupp Plugs

Used to plug tie holes where tie bar has been removed.



Tie Plug Cement

A specially formulated cement for plugging and waterproofing of tie holes in concrete walls.



Plastic Corner Fillet

Extruded rigid pvc section which can be nailed to formwork or column shuttering to create a chamfered corner. These are supplied with or without nailable flange in 2.5m lengths.



Formwork Magnets

Magnets are used to remove wire and nails from the shutter prior to concrete pour.



Grout Check Foam

Grout check foam can be used on all types of formwork. It has a self adhesive back and is used to prevent the loss of grout around joints in formwork.

Sizes

- 6 x 12mm
- 12 x 24mm



Bright Round Wire Nails

Used to assemble timber formwork. Supplied in 20kg boxes.

Sizes

50mm
65mm
75mm
100mm



Silicone Sealant

Clear high modulus silicone sealant used for filling gaps in formwork.



B3 Expanding Foam

Polyurethane foam which expands when released and used to fill gaps in formwork and other construction areas.



B1 Fire Foam

Fire retardent expanding polyurethane foam which seals around pipework, prevents transmission of smoke and insulates against heat and cold.

Both expanding foam & fire foam are available in hand held or gungrade versions.



P45 Foam Applicator Gun

Used for applying gun grade expanding foam & fire foam



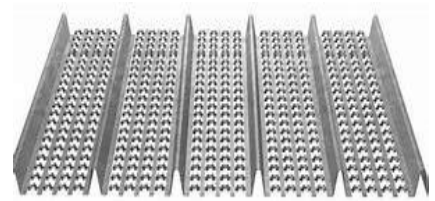
Foam Applicator Gun Cleaner

A solvent-based cleaning solution for expanding foam applicator guns.



Expanding Metal Sheet

Galvanised expanding metal sheets used as a permanent shuttering for stopends. Supplied 2m long & 0.445m wide.



Terwa Alligator Coupler

The Alligator Couplers are used for splicing any grade or profile of reinforcing bar. Connection is made by inserting bars into both ends of the coupler. The shear bolts are then screwed by hand and tightened with either our electric or pneumatic impact wrench until bolts shear off.

Sizes

10mm
12mm
16mm
20mm
25mm
32mm



PANTHER
Construction
Products