



## Reinforcement Accessories

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## Single, Double, Triple & Mesh Concrete Spacers

Bluebay's range of spacers made of fibre reinforced concrete insure that the concrete cover specified for structures and structural elements made of reinforced concrete is adhered to, both before and during concreting. Our fibre reinforced concrete products provide high compressive strength, water impermeability and fire resistance as well as application stability guaranteeing the durability of the concrete surface.

### Single Cover Concrete Spacer



Each block provides solid support for horizontal reinforcement.

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 20         | 1000         |
| 25         | 500          |
| 30         | 250          |
| 35         | 250          |
| 40         | 250          |
| 50         | 200          |
| 60         | 100          |
| 75         | 50           |

Other sizes & special shapes are available throughout the spacer range

### Double Cover Concrete Spacer



Each block provides solid support for horizontal & Vertical reinforcement.

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 25/30      | 500          |
| 35/55      | 250          |
| 40/50      | 200          |
| 60/75      | 50           |
| 65/70      | 50           |

### Mesh Block Concrete Spacer



Each block provides solid support for reinforcement mesh.

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 40/50      | 100          |

### Triple Cover Concrete Spacer



Each block provides solid support for horizontal & Vertical reinforcement.

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 20/25/30   | 500          |
| 35/40/50   | 200          |
| 45/55/60   | 125          |

### Waffle Concrete Spacer



Reversible for a wider choice of bar spacings

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 100/25     | 100          |
| 125/25     | 100          |
| 125/30     | 100          |
| 125/40     | 100          |
| 125/50     | 50           |

## Square Bar, Rail & Banana Spacers

### Square Bar Spacer



Heavy duty bars for the placement of heavy duty horizontal mesh & reinforcement

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 25 x 25    | 800          |
| 30 x 30    | 600          |
| 35 x 35    | 400          |
| 40 x 40    | 300          |
| 50 x 50    | 250          |
| 60 x 60    | 160          |
| 75 x 75    | 100          |

Available in 1m lengths

### Rail Type Bar Spacer



Heavy duty bars for the placement of heavy duty horizontal mesh & reinforcement

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 30         | 1000         |
| 35         | 750          |
| 40         | 600          |
| 45         | 500          |
| 50         | 500          |
| 55         | 400          |
| 60         | 350          |

Available in 800mm & 1m Lengths

### Rail Type Spacer (Banana)



Heavy duty bars for the placement of heavy duty horizontal mesh & reinforcement

| Cover (mm) | Bag Quantity |
|------------|--------------|
| 30         | 1000         |
| 35         | 750          |
| 40         | 600          |
| 45         | 500          |
| 50         | 500          |
| 55         | 400          |
| 60         | 350          |

Available in 330mm lengths

## Continuous HY-Chair & Circular Spacers

### Heavy Duty - Triangular HY-Chair



Heavy Duty hy-chair for supporting both bar and mesh off polythene membrane without the risk of puncture. Can also be used for supporting dowel bars

| Size       | Pack Size (LM) |
|------------|----------------|
| 50mm x 2m  | 25             |
| 60mm x 2m  | 25             |
| 75mm x 2m  | 25             |
| 90mm x 2m  | 25             |
| 105mm x 2m | 25             |
| 120mm x 2m | 25             |
| 135mm x 2m | 25             |
| 150mm x 2m | 25             |
| 170mm x 2m | 25             |

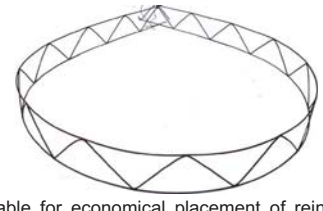
### Standard Duty - Flat Top HY-Chair



Standard Duty hy-chair for supporting both bar and mesh off polythene membrane without the risk of puncture. Can also be used for supporting dowel bars

| Size       | Pack Size (LM) |
|------------|----------------|
| 50mm x 2m  | 25             |
| 60mm x 2m  | 25             |
| 75mm x 2m  | 25             |
| 90mm x 2m  | 25             |
| 105mm x 2m | 25             |
| 120mm x 2m | 25             |
| 135mm x 2m | 25             |
| 150mm x 2m | 25             |
| 170mm x 2m | 25             |

### Circular Spacers



Suitable for economical placement of reinforcement mesh in floor slabs. A 3.0 metre strip which is formed to a circle on site. 3 or 4 strips are required per sheet of mesh.

| Size       | Pack Size (Each) |
|------------|------------------|
| 50mm x 3m  | 20               |
| 60mm x 3m  | 20               |
| 75mm x 3m  | 20               |
| 90mm x 3m  | 20               |
| 105mm x 3m | 20               |
| 120mm x 3m | 20               |
| 135mm x 3m | 20               |
| 150mm x 3m | 20               |
| 170mm x 3m | 20               |

Hy-chairs and circulars are available in sizes of up to 300mm upon request.

## Tying Wire, Dowel Bar Cradles & Tools

### Tying Wire - Black Annealed



A 16 gauge soft black annealed tying wire supplied in coils for steel fixing.

| Size | Pack Size (LM) |
|------|----------------|
| 2kg  | Coil           |
| 15kg | Coil           |
| 20kg | Coil           |

### Tying Wire - Stainless Steel



An 18 gauge stainless steel tying wire supplied in catchweight coils.

| Size | Pack Size (LM) |
|------|----------------|
| 2kg  | Coil           |
| 15kg | Coil           |
| 20kg | Coil           |

### Tying Wire Tools

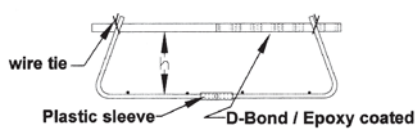


An alternative to tying wire wrap the tie around the reinforcement bar with the tying tool



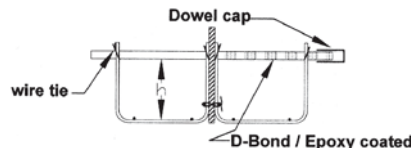
| Description         | Size                                |
|---------------------|-------------------------------------|
| Double Loop Ties    | 100/120/150/200/250 & 300mm Lengths |
| Ratchet Tying Tool  | Each                                |
| Cutting/Tying Snips | Each                                |

### Contraction Joint Cradle



| Slab Depth  | Dim to u/s Dowel |
|-------------|------------------|
| 150 - 180mm | 75mm             |
| 190 - 230mm | 95mm             |
| 240 - 300mm | 125mm            |

### Expansion Joint Cradle



| Slab Depth  | Dim to u/s Dowel |
|-------------|------------------|
| 150 - 180mm | 65mm             |
| 190 - 230mm | 90mm             |
| 240 - 300mm | 115mm            |

Joint cradles are for supporting dowel bars in contraction and expansion joints.

### BindFix - Spring Clip Fixing Ties



An alternative to tying wire easy to use, bind clip ties require not cut-offs or tools.

| Type   | to Bind Bars Sizes | Pack Size |
|--------|--------------------|-----------|
| BF8/8  | 5/8 & 6/8          | 500       |
| BF8/10 | 6/8 & 8/10         | 500       |
| BF8/12 | 6/10 & 10/12       | 500       |
| BF8/14 | 6/8 & 12/14        | 500       |
| BF8/16 | 6/10 & 14/16       | 400       |
| BF8/20 | 6/10 & 18/20       | 400       |



## Reelfix Tying Wire System



Reelfix Rapid is a tying wire dispensing reel system used by Steel Fixers when tying reinforcement in concrete structures. The system comprises of a dispensing reel which houses a 2kg spool of tying wire. The reel is attached to a heavy duty leather belt and comfort pad and is worn around the users' waist.

Reelfix works by allowing the user to draw tying wire from the reel as required. Any excess wire drawn while tying can easily be rewound into the reel where it remains clean, dry and ready until required again.



### Advantages

|            |  |
|------------|--|
| Safety     | Eliminates the trip hazard risk associated with the use of loose tying wire. |
| Waste      | Reelfix wire is used 100% with no unused lengths therefore, no waste.        |
| Usage      | Ties 50-70% more rebar per kilo of wire than using loose coils.              |
| Health     | No unnecessary bending for wire reduces risk of back strain.                 |
| Efficiency | Average 8 hours supply of tying wire right where the fixer needs it.         |
| Pre-pour   | No unused lengths of wire means super fast pre pour cleaning.                |

### Reelfix System Components

|   |
|---|
| 2kg (140M 17gauge) Black Annealed Refill Spool    |
| 2kg (220M 18gauge) Stainless 304 Refill Spool     |
| Refillable Tying Wire Dispensing Reel             |
| Reelfix Branded Heavy Duty Leather Belt           |
| PVC Comfort Pad                                   |
| Reelfix Branded Stainless Tape/Nip Frog           |
| 2kg (120M 16gauge) Black Annealed Disposable Reel |
| 2kg (220M 18gauge) Stainless 304 Disposable Reel  |

## Plastic Spacers & Accessories

### Grade Plate Spacer



A lightweight option for the spacing of fabric at the bottom of slabs. Their wide base gives extra stability particularly on soft blinding.

| Concrete Cover (mm) | Pack Quantity |
|---------------------|---------------|
| 25/30               | 250           |
| 40/50               | 250           |
| 65/75               | 200           |
| 90/100              | 100           |

### Continuous Plastic Spacer (Tric Trac)



Use for bottom spacing of fabric or bar with light loads against formwork and particularly metal decking. Available in 2 metre lengths.

| Concrete Cover (mm) | Pack Quantity |
|---------------------|---------------|
| 15 / 20 / 25        | 100           |
| 30 / 35 / 40 / 50   | 50            |

### Wheel Spacer



For spacing vertical reinforcement in columns etc. The wheels clip onto the reinforcement bar and minimise the area of spacer at the form face.

| Concrete Cover (mm)         | Bar Dia   | Quantity |
|-----------------------------|-----------|----------|
| 15                          | 4 - 12mm  | 2000     |
| 20 / 25 / 30 / 40 / 50      | 8 - 12mm  | 500      |
| 25 / 30 / 40 / 50 / 60 / 75 | 12 - 20mm | 250      |

### Plastic 'A' Clip Spacer



Self clipping bar and mesh spacer, suitable for horizontal or vertical bars. Heavy duty for substantial bar loads.

| Cover (mm) | Bar Dia  | Quantity |
|------------|----------|----------|
| 15 / 20    | 6 - 16mm | 1000     |
| 25 / 30    | 8 - 25mm | 500      |
| 40 / 50    | 8 - 25mm | 250      |

### Pile Cage Spacer



Designed for pile cages and diaphragm walls. Easily clipped onto helical bars in pile cages.

| Cover (mm) | Bar Dia   | Quantity |
|------------|-----------|----------|
| 45         | 8 - 12mm  | 250      |
| 50 / 75    | 8 - 12mm  | 250      |
| 75         | 16 - 20mm | 100      |

### HD Plastic Shims



HD plastic shims are used for the alignment and levelling of heavy section steel plate and pre-cast concrete sections. Available as plain or horseshoe type.

| Size        | Thickness            |
|-------------|----------------------|
| 70mm x 70mm | 2 / 3mm (250/pk)     |
| 70mm x 70mm | 5 / 7 / 9mm (125/pk) |

### Safety End Cap




Plastic protection caps for exposed reinforcing bar.

| Bar Dia   |
|-----------|
| 6 - 18mm  |
| 16 - 32mm |
| 40 - 50mm |


## Slab Accessories

| Mild / Stainless Steel Dowel Bars   | Diameter (mm) | Length (mm) |
|---|---------------|-------------|
| Dowel bars are used in contraction and expansion joints.<br>Prices quoted are for sawn ends.<br>Other sizes are available on request. | 12            | 400         |
|   | 12            | 600         |
|   | 12            | 900         |
|   | 16            | 400         |
|   | 16            | 600         |
|   | 16            | 900         |
|   | 20            | 400         |
|   | 20            | 600         |
|   | 25            | 500         |
|   | 25            | 600         |




| Dowel Bar End Caps   | Diameter x Length (mm) | Pack Size |
|--|------------------------|-----------|
|  | 12 x 100               | 100       |
|  | 16 x 100               | 100       |
|  | 20 x 100               | 100       |
|  | 25 x 100               | 100       |
|  | 32 x 100               | 100       |


Rigid PVC tube with a compressable plug which allows for the expansion of the dowel bar.

| Dowel Bar Paint  | Size |
|--|------|
|  | 5L   |
|  | 25L  |

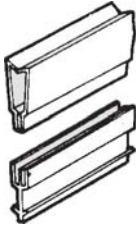
Bituminous compound, complies with the requirements of clause 2605 of the D.O.E. Specification for Roads and Bridges. Dipped or brush applied.

| Dowel Bar Sleeves   | Diameter x Length (mm) | Pack Size |
|---|------------------------|-----------|
|  | 12 x 450               | 100       |
|   | 16 x 200               | 100       |
|   | 20 x 300               | 100       |
|   | 25 x 300               | 100       |
|   | 32 x 375               | 100       |

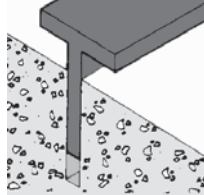
PVC sleeve acts as a method of de-bonding steel bars

| Bottom 'Y' Crack Inducer  | Size      |
|---|-----------|
|  | 40mm x 5m |
|   | 75mm x 5m |

Used where a vertical crack formed from the base of the slab is required.

| 2 Part Crack Inducer  | Size             |
|---|------------------|
|  | 10mm x 50mm x 5m |
|   | 10mm x 75mm x 5m |


Two Parts used in external concrete slab areas where the joint has to be sealed. The top part is removed after the concrete has set to assist sealing.

| Aluminium 'T' Bar   | Size      |
|---|-----------|
|  | 50mm x 5m |
|   | 75mm x 5m |


Aluminium T-Bar is used as a tool to form a straight void for inserting top crack inducers..

| Plastic Screed Chair  | Section | Pack Quantity |
|---|---------|---------------|
|  | Base    | 250           |
|   | Collar  | 250           |
|   | Saddle  | 250           |

A light duty screed chair fully adjustable and can be left in the concrete

| Heavy Duty Metal Screed Chair   | Chair Type | Slab Thickness |
|---|------------|----------------|
|  | 1          | 120 - 150mm    |
|   | 2          | 150 - 200mm    |
|   | 3          | 200 - 300mm    |
|   | 4          | 300 - 400mm    |

Adjustable heavy duty screed chair for concrete floor slabs up to 400mm thick.

| Extra Heavy Duty Screed Chair   |
|---|
|  |

extra heavy duty metal screed chairs are constructed of robust material, therefore being a very stable support unit. Use for slab thickness from 50mm up to 500mm.

## Slab Accessories (Cont..)

### Frost Blankets

Laying concrete at temperatures below 5°C generally requires special precautions (such as special concrete additives, heating devices, hot vapour equipment etc.). An easy and inexpensive solution is the use of Frost Blankets. The thermal insulation effect of the Frost Blanket significantly reduces the loss of natural concrete hydration heat and thereby keeps the concrete warm long enough for a safe curing.

The combination of their excellent thermal insulation performance, their negligible water absorption and their flexibility make Frost Blankets ideal for improved concrete curing. Frost Blankets can be directly rolled onto the wet concrete. Wind conditions might necessitate the mats being held in place by suitable loading at the contractor's discretion. Beware not to walk on the mats during installation and before hardening of the concrete.



#### Technical Data

##### Frost Blankets

|         |                       |
|---------|-----------------------|
| Size    | 75m x 2m x 8mm        |
| Density | 30kg / m <sup>2</sup> |

##### Applications

- Negligible water absorption
- Excellent thermal insulation
- Excellent chemical resistance
- Fast laying from the roll
- Lightweight, easy to handle and cut
- Good mechanical resistance
- Flexible at very low temperatures

### Bubble Wrap

Bubble wrap is used as a low cost concrete curing blanket / frost blanket and for membrane protection.



#### Bubble Wrap

|      |             |
|------|-------------|
| Size | 1.5m x 100m |
|------|-------------|

### Hessian

Hessian rolls are used for the protection of concrete and masonry.

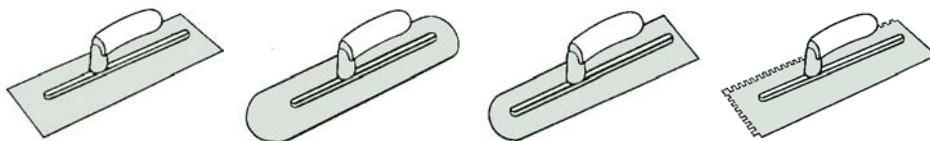


#### Hessian

|      |             |
|------|-------------|
| Size | 1.37m x 46m |
|------|-------------|

## Slab Accessory Tools

### Steel Hand Trowels

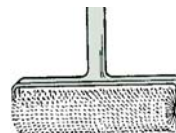


#### Sizes

|             |
|-------------|
| 320 x 100mm |
| 400 x 100mm |
| 360 x 100mm |
| 280 x 120mm |

### Spiked Roller

The spiked roller for rolling out air bubbles from self levelling floor toppings. The spiked discs are solvent resistant for ease of cleaning.



#### Sizes

|                 |
|-----------------|
| 360 x 70mm      |
| 2m Alloy Handle |

### Spiked Shoes

The spiked shoes are for walking over self levelling floor toppings.



#### Sizes

|           |
|-----------|
| Universal |
|-----------|

### Notched Leveller

Notched blade for levelling floor toppings.



#### Sizes

|       |
|-------|
| 840mm |
|-------|

### Squeegy



#### Sizes

|       |
|-------|
| 840mm |
|-------|

### Bull Float

Hard wearing magnesium alloy tool for smoothing, levelling and finishing large areas of screed and wet concrete.



#### Sizes

|                 |
|-----------------|
| 1150 x 200mm    |
| 2m Alloy Handle |

## Bolt Boxes & Holding Down Bolts

| Waxed Cardboard Bolt Boxes | Length |
|----------------------------|--------|
|                            | 229mm  |
|                            | 305mm  |
|                            | 380mm  |
|                            | 457mm  |
|                            | 534mm  |
|                            | 610mm  |
|                            | 762mm  |
|                            |        |

| Polystyrene Bolt Boxes | Length |
|------------------------|--------|
|                        | 225mm  |
|                        | 300mm  |
|                        | 375mm  |
|                        | 450mm  |
|                        | 525mm  |
|                        | 600mm  |
|                        |        |
|                        |        |

| Expanded Metal Bolt Boxes | Length      |
|---------------------------|-------------|
|                           | 150 x 75mm  |
|                           | 225 x 75mm  |
|                           | 300 x 75mm  |
|                           | 375 x 75mm  |
|                           | 450 x 100mm |
|                           | 600 x 100mm |
|                           |             |

### Bolt Box Dissolver

Bolt box dissolver is a specially formulated solvent used to dissolve away and emulsify expanded polystyrene bolt boxes, void formers and inserts.

This dissolves the polystyrene without adversely affecting the surrounding concrete.



**Sizes**  
5 / 25 / 205 Litres

### Denso Tape

For protection of bolt heads prior to concrete pours. 75mm wide x 10m long rolls.

Also available in a range of sizes up to 300mm wide



| Holding Down Bolts   | Length    |
|----------------------|-----------|
|                      | M16 x 300 |
|                      | M16 x 375 |
|                      | M20 x 300 |
|                      | M20 x 375 |
|                      | M20 x 450 |
|                      | M20 x 600 |
|                      | M24 x 375 |
|                      | M24 x 450 |
|                      | M24 x 600 |
|                      | M30 x 450 |
|                      | M30 x 600 |
| 100 sq x 10mm washer |           |

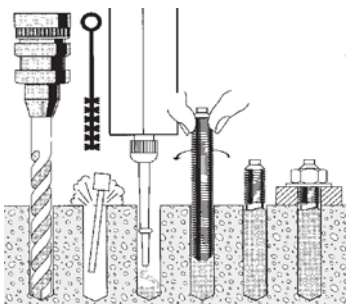
A full range of bolt sizes are available. Supplied in mild or high tensile steel.

Special Sizes can be made to order



## Polyfixer Resin Injection & Chemical Anchors

The Polyfixer resin injection system has been specially developed to enable the bonding of awkward materials. The coaxial cartridge keeps the resin and aggregate separate from the catalyst until they are dispensed through the static mixer directly into the hole. The resin/aggregate specifications have been chosen to give good pumpability on installation with high tensile strength when set. Sleeves and studs developed specifically for hollow blocks and perforated bricks. Retaining collars enable use overhead as well as centralising studs in normal use.



### PSF

Polyester Resin - Styrene Free

Standard load performance.  
Ideal for hollow materials.  
No odour.

| Cont.  | Pack | Palet |
|--------|------|-------|
| 380 ml | 12   | 900   |

### VSF

Vinylester Resin - Styrene Free

High load performance.  
Good in wet conditions  
High chemical resistance.  
Suitable for underwater applications.

| Cont.  | Pack | Palet |
|--------|------|-------|
| 380 ml | 12   | 900   |

### Accessories



Mixer Nozzles, Manual Guns, Cleaning Brushes, Blow-out Pump & Perforated Sleeves

| Hammer-in Capsules |           |               |
|--------------------|-----------|---------------|
| Thread Diam        | Hole Diam | Pack Quantity |
| 8mm                | 10mm      | 10            |
| 10mm               | 12mm      | 10            |
| 12mm               | 14mm      | 10            |
| 16mm               | 18mm      | 10            |
| 20mm               | 25mm      | 6             |
| 24mm               | 28mm      | 6             |

| Studs - Hot Dipped Galvanised |           |               |
|-------------------------------|-----------|---------------|
| Thread Diam                   | Hole Diam | Pack Quantity |
| 8mm                           | 10mm      | 10            |
| 10mm                          | 12mm      | 10            |
| 12mm                          | 14mm      | 10            |
| 16mm                          | 18mm      | 10            |
| 20mm                          | 25mm      | 10            |
| 24mm                          | 28mm      | 5             |



## Joint Sealants

**Thioflex One** is a one part polysulfide joint sealant which, on exposure to atmospheric moisture, cures to form a flexible rubber seal.

Thioflex One may be applied in joints ranging from 5 to 25 mm wide. The minimum depth should be 5 mm (10mm on porous surfaces) and the maximum depth should not exceed 15 mm. The joint should also include a suitable back-up strip. All surfaces require the use of a primer. Primer 4 for nonporous surfaces and Primer 7 for porous surfaces.

### Thioflex 600 - 2 Part, gun and pouring grade, polysulfide sealant

Thioflex 600 is available in gun and pouring grades. The gun grade is ideal for general application. It is packed in a ready to mix, 2.5 litre tin containing the base and curing agent in the correct proportions.

The pouring grade for joints in horizontal surfaces is supplied in 5 litre packs with the base and curing agent in separate tins. Thioflex 600 is particularly recommended for use in highrise buildings and other applications where access for subsequent maintenance will be difficult and the risk of early movement failure must be minimised. It is also suitable for sealing joints in brickwork, retaining walls, basements and subways.

### Pliastic N2 - Hot-poured rubber bitumen horizontal joint sealant

N2 is used for sealing movement and construction joints in pavements, floor slabs, water retaining and water excluding structures.

Pliastic compounds are suitable for joints up to 30 mm wide in trafficked surfaces, but joints up to 65 mm wide can be sealed with Pliastic where the joints are horizontal and are not subject to trafficking.

The depth of Pliastic compounds should not exceed 50 mm and for most normal uses, 25 mm is recommended. Pliastic can be used on inclined surfaces up to about 1 in 20. Extra care must be taken, however, when pouring.

#### Technical Data

| Product      | Size  |
|--------------|---|
| Thioflex One | 380ml Cartridge                               |
| Colours      | Black, buff, mahogany, grey, white, brick red |

#### Advantages

- One part gun application
- Cures to a tough, flexible rubbery seal
- Available in a range of colours

#### Technical Data

| Product                | Size       |
|------------------------|------------|
| Thioflex 600 (gun)     | 2.5 Litres |
| Thioflex 600 (pouring) | 5 Litres   |
| Primer 4               |            |
| Primer 7               |            |

#### Advantages

- Forms a tough, elastic, rubber-like seal
- Accommodates cyclic movement
- Excellent adhesion to most common substrates
- High resistance to ageing reduces physical damage due to climatic extremes

#### Technical Data

| Product     | Size          |
|-------------|---------------|
| Pliastic N2 | 15kg Sacks    |
| Primer B2   | 5 & 25 Litres |

#### Advantages

- An economic sealant for horizontal and inclined joints up to 1 in 20
- Resists dirt and ingress of grit
- Good adhesion to concrete & asphalt surfaces

## Expanding Foams & Sealant Tools



| Expanding Foam         |
|------------------------|
| 1K B2 Fire Class       |
| 750ml (H/Held)         |
| 750ml (Gun)            |
| 1K B3 Fire Class       |
| 500ml / 750ml (H/held) |
| 750ml (Click & Fix)    |
| 1K FR BS476(20)-       |
| 750ml (H/held)         |



| Fire Retardant Foam |
|---------------------|
| 4Hr Fire Proof      |
| 750ml (H/Held)      |
| 750ml (Click & Fix) |
| Gun & Foam Cleaner  |
| Gun & Foam          |
| 500ml               |
| 150ml               |
| 500ml (Click & Fix) |

| Gripstick                          |
|------------------------------------|
| Multi-purpose gap filling adhesive |
| 350ml Cartridge                    |

#### Sealant Guns & Tools

| Sealant Guns                  |
|-------------------------------|
| Skeleton Gun 310ml            |
| Skeleton Gun (HD) 310ml       |
| Skeleton Gun 400ml            |
| Manual Foil Pack Gun 600ml    |
| Pneumatic Foil pack Gun 600ml |
| Compact Foam Gun              |
| Design Compact Foam Gun       |
| Sealant Tools                 |
| Bulk Barrell Gun              |
| Following Plate               |
| Mixing Paddle                 |
| Tool Cleaning Solvent         |



Skeleton Gun



Heavy Duty Skeleton Gun



Skeleton Gun 400ml



Manual Foil Pack 600ml



Pneumatic Foil Pack 600ml



Compact Foam Gun



Design Compact Foam Gun

## Permasteel Screed Rails

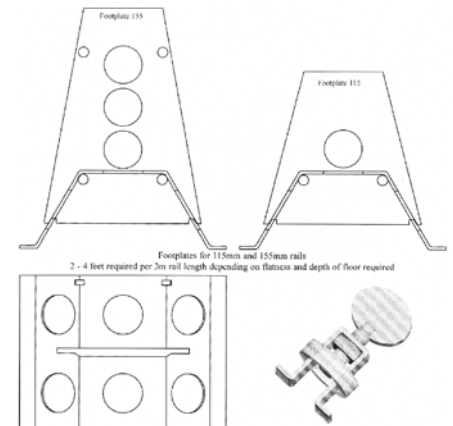
Permasteel is a flexible "Leave in Place" formwork system for concrete floors and is much easier and quicker to use than traditional concrete screed rail methods. Type 1 rails have 24mm diameter holes at 100mm centres and Type 2 rails have 24mm diameter holes at 150mm centres to accommodate up to 20mm diameter round dowels. Permasteel is available in 4 different heights for slab depths ranging from 50mm to 300mm.

Type 1 rails are available in 115mm high for slab depths from 120mm to 160mm and 155mm high for slab depths from 165mm to 200mm plus. Each 3m long rail is supplied with 3 No. footplates for setting the rail into place.

Type 2 rails are available in 40mm high for slab depths from 50mm to 75mm and 70mm high for slab depths from 80mm to 115mm and require no other components for installation..

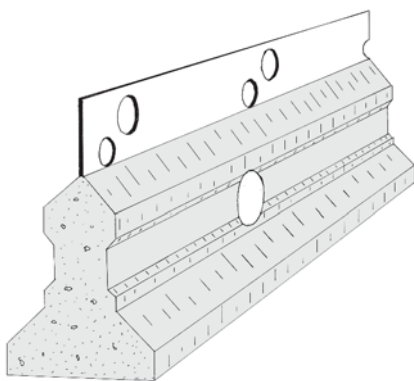
### Permasteel Components

Type 1 Permasteel components include a pre-welded footplate used when setting the rail on concrete dabs and the Pingrip fixing used with pins driven into the subbase as an alternative installation method for Permasteel 115mm and Permasteel 155mm rails when setting on concrete dabs is impractical. The Pin grip can also be used for installation of Type 2 40mm and 70mm Permasteel rails for metal deck or screeds etc.



| Technical Daa |        |      |      |       |      |       |      |      |      |       |
|---------------|--------|------|------|-------|------|-------|------|------|------|-------|
| Type          | A      | A1   | A2   | B     | B1   | B2    | C    | C1   | D    | H     |
| Psteel 155    | 37.5mm | 64mm | 91mm | 100mm | 50mm | 100mm | 24mm | -    | -    | 135mm |
| Psteel 115    | 50mm   | -    | -    | 100mm | 50mm | -     | 24mm | -    | -    | 95mm  |
| Psteel 70     | 31mm   | -    | -    | 150mm | 75mm | -     | 24mm | 16mm | 25mm | 70mm  |
| Psteel 40     | 22mm   | -    | -    | 150mm | 75mm | -     | 24mm | 16mm | 25mm | 40mm  |

## Concrete Screed Rails

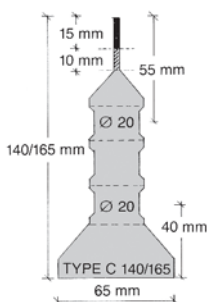


Concrete Sreed Rail TYPE C is a combination of concrete and galvanised steel. The use of screed rails makes it easier to achieve a superflat surface, since the permanent rails provide a more stable base from which to screed. SUPERFLAT and, in general Category 1 floors should be constructed in the long strip method, as recommended in TR34 and this rail has been used succesfully throughout Europe on such projects.

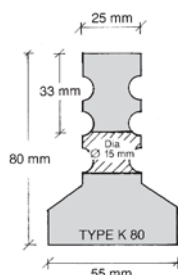
The unique design of type C with its 1.5 mm top profile of galvanised steel provides a very straight and fully controlled hairline crack. The profile of this rail along with the holes in the metal strip tie the rail firmly to the slab. Test shows the strongest possible joint between the bays.

### Applications

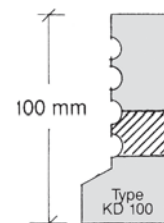
- Compressive strength 50 N/mM2.
- Max. vibrator/bay width when using C-65 is 8 metre.
- Max. vibrator/bay width when using C-90 + C-115 is 10 metre.
- Max. vibrator/bay width when using C-140 + C-165 is 5 metre.



| Type C |        |
|--------|--------|
| Height | Length |
| 65mm   | 3.9m   |
| 90mm   | 3.9m   |
| 115mm  | 3.9m   |
| 140mm  | 3.9m   |
| 165mm  | 3.9m   |



| Type K |        |
|--------|--------|
| Height | Length |
| 60mm   | 3.9m   |
| 80mm   | 3.9m   |
| 100mm  | 3.9m   |
| 125mm  | 3.9m   |
| 150mm  | 3.9m   |



| Type KH |        |
|---------|--------|
| Height  | Length |
| 100mm   | 3.9m   |



## UPVC Screed Rail

**K-FORM UPVC Screed Railing** provides the construction industry with an economical, efficient and environmentally friendly alternative to steel shuttering.

Made from recycled materials, K-FORM is lightweight, durable and does not require removal after concrete pouring. It is easily cut to length on site and has pre-drilled holes in the vertical face for locating steel dowel bars and in the base for mortar anchoring. Furthermore, K-FORM's patented design features a built in expansion joint, end clips for joining and a removable top strip for joint sealing.

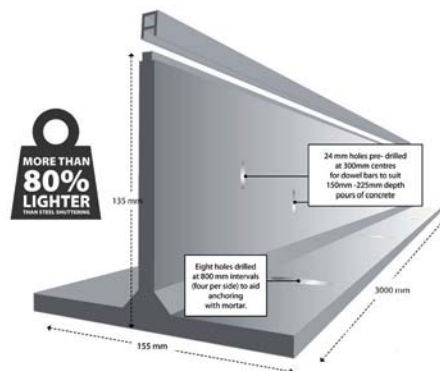
### Specifications

- Designed for pours of 150mm-225mm thick concrete.
- Enables adjoining bays to be poured consecutively.
- Pre-drilled holes in base for anchoring with mortar.
- Pre-drilled holes in vertical face for locating dowel bars.
- The profile is made in UPVC and has a built in expansion joint.
- Once concrete is poured, K-FORM is left in place; no need to remove and clean.
- Separate wear strip can be removed once concrete is set to allow joint sealing.

With a built in expansion joint, click together design and removable top strip, K-FORM's patented design gives the best possible performance with quality results, finishing your project to complete satisfaction.

### Benefits of using K-FORM

- Saves money.
- Saves time.
- No specialist tools required.
- Lightweight - over 80% lighter than steel shuttering.
- One person can install.
- Reduces labour costs.
- Increases pouring.
- Completes the project quicker.
- No removal afterwards.
- No cleaning.
- Non-metallic.
- Fuel and Oil resistant.
- Integral expansion joint.
- 'Click-together' ease.
- Safe to use when concreting petrol forecourts.
- Pre-drilled holes for dowel bars.
- Manufactured in durable UPVC.
- Never rots or rusts.
- No anchoring with metal stakes.
- Available in 3 metre rails.
- Simple to use.
- Pour more concrete per week.
- Removable top strip.
- Easy to seal concrete sections.
- Non-conductive.
- No diamond cutting.
- Can be used with twin beams, bunyan rollers & vibro strikes.
- No puncturing of DPM.
- Made from recycled materials.



### Technical Data

| Product | Size                   |
|---------|------------------------|
| K-FORM  | 135mm x 155mm x 3000mm |
| Colours | White                  |



With K-FORM's removable top strip there is no need to diamond cut joints for sealant



With K-FORM you can pour more concrete:

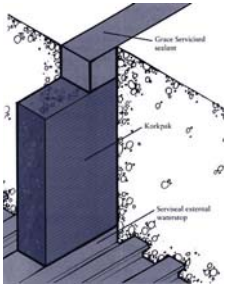
Just set out your shuttering and pour bay after bay.



K-FORM's patented design allows concrete to set without any need to use additional expansion joints.

## Joint Filler Boards

### Korkpak



**Preformed bitumen bonded cork joint filler board for critical water retaining civil and structural expansion joints**

#### Applications

- Waterproof, rot-proof & Positive sealant support
- Compressible, robust & cost effective
- Chemically & Impact resistant.

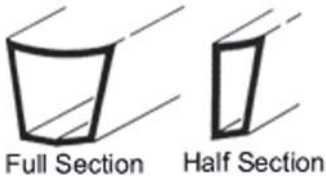
#### Korkpak (2m x1m Sheet size)

##### Sizes

|                                |
|--------------------------------|
| 10mm Bitumen Bonded Cork Board |
| 13mm Bitumen Bonded Cork Board |
| 19mm Bitumen Bonded Cork Board |
| 25mm Bitumen Bonded Cork Board |

### Void Formers

Manufactured from rigid PVC which enables several re-uses, slightly tapered section for easy removal without spalling, and is easily fixed by direct nailing to shuttering.



#### Size

|                      |
|----------------------|
| 20mm x 10m x 3m (HS) |
| 25mm x 12m x 3m (HS) |
| 20mm x 20m x 3m (FS) |
| 25mm x 25m x 3m (FS) |

### Chamfer Formers

Plastic profiles used to produce Chamfered corners in formwork with or without nail flange.



#### Size

|                       |
|-----------------------|
| 25mm x 2.5m (Flanged) |
| 25mm x 2.5m (Column)  |

### Bluebay Silicone (BS5889 Type A)

A high modulus, neutral cure, one part silicone rubber joint sealant, formulated for use where high movement is anticipated. It has excellent adhesion to most surfaces, without the use of primer.

Colours: Brown, White and Clear.



#### Size

|                 |
|-----------------|
| 380ml Cartridge |
| Skeleton Gun    |

### Side Slab Strip

Non porous chemically resistant strip for use in longitudinal joints in concrete.

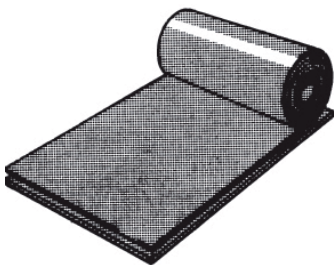


#### Size

|                   |
|-------------------|
| 40mm x 5mm x 10m  |
| Supplied in rolls |

### Slip Membrane

A heavy duty dense slip membrane sheet for use in RC structures with load bearing characteristics. The strip is designed to be load bearing and low friction.

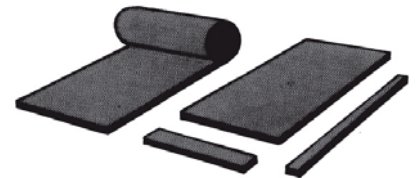


#### Size

|   |
|---|
| 150mm x 25m   |
| 300mm x 25m   |
| Other sizes can be tailored to suit specific requirements |

### Neoprene Rubber

Neoprene rubber for structural movement joints and high load bearing areas in civil engineering construction.



Special Shapes, thicknesses and sizes are available upon request

#### Size

|                  |
|------------------|
| 1.4m x 1m x 5mm  |
| 1.4m x 1m x 10mm |

### Contact Adhesive

High quality adhesive for bonding to concrete and other surfaces.



#### Size

|                 |
|-----------------|
| 5 Litre Can     |
| 380ml Cartridge |

## Joint Fillerboards

### Bayfoam (Closed Cell Polyethylene Foam)

Bayfoam is a continuously cross linked closed cell polyethylene foam for use in the construction industry as a joint filler, which complies to DOT specification 1015.



It is compressible yet semi rigid, strong and non absorbent. It is produced in various densities. It can be stuck to all normal building surfaces if required. It is resistant to most chemicals and oils, is non-staining and has high weathering and ozone resistance.

| Bayfoam Sheets |             |
|----------------|-------------|
| Size           | Description |
| 2.0 x 1.6m     | 10mm sheets |
| 2.0 x 1.6m     | 12mm sheets |
| 2.0 x 1.6m     | 15mm sheets |
| 2.0 x 1.6m     | 20mm sheets |

| Bayfoam Sheets (PW Grade) |             |
|---------------------------|-------------|
| Size                      | Description |
| 2.0 x 0.8m                | 10mm sheets |
| 2.0 x 0.8m                | 12mm sheets |
| 2.0 x 0.8m                | 15mm sheets |
| 2.0 x 0.8m                | 20mm sheets |

### Backerod

A closed cell polyethylene cord used for caulking joints prior to application of joint sealant.



| Size | Coil Length |
|------|-------------|
| 6mm  | 2500m       |
| 10mm | 1150m       |
| 13mm | 750m        |
| 15mm | 550m        |
| 20mm | 350m        |
| 25mm | 200m        |
| 30mm | 160m        |
| 40mm | 270m        |
| 50mm | 180m        |
| 75mm | 70m         |

| Bayfoam Strips               |                     |
|------------------------------|---------------------|
| Size                         | Description         |
| 100 x 10mm c/w 10mm tear off | 2m Strip / 10m Coil |
| 140 x 10mm c/w 10mm tear off | 2m Strip / 10m Coil |
| 175 x 10mm c/w 10mm tear off | 2m Strip / 10m Coil |
| 200 x 10mm c/w 10mm tear off | 2m Strip / 10m Coil |
| 100 x 12mm c/w 12mm tear off | 2m Strip / 10m Coil |
| 150 x 12mm c/w 12mm tear off | 2m Strip / 10m Coil |
| 175 x 12mm c/w 12mm tear off | 2m Strip / 10m Coil |
| 200 x 12mm c/w 12mm tear off | 2m Strip / 10m Coil |
| 150 x 12mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 175 x 12mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 200 x 12mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 100 x 15mm c/w 15mm tear off | 2m Strip / 10m Coil |
| 150 x 15mm c/w 15mm tear off | 2m Strip / 10m Coil |
| 200 x 15mm c/w 15mm tear off | 2m Strip / 10m Coil |
| 100 x 20mm c/w 15mm tear off | 2m Strip / 10m Coil |
| 150 x 20mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 175 x 20mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 200 x 20mm c/w 20mm tear off | 2m Strip / 10m Coil |
| 200 x 20mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 250 x 20mm c/w 20mm tear off | 2m Strip / 10m Coil |
| 150 x 25mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 175 x 25mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 200 x 25mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 225 x 25mm c/w 25mm tear off | 2m Strip / 10m Coil |
| 225 x 20mm c/w 20mm tear off | 2m Strip / 10m Coil |
| 250 x 25mm c/w 25mm tear off | 2m Strip / 10m Coil |

### Woodfibre Joint Filler Boards

Fibreboard is a general purpose joint filler, comprising of compressed wood fibre material, and impregnated with bitumen emulsion. It complies with DOE general specification No.201, clause 606 and the DOE specification for roads and bridge works, clause 2630 ASTM D 1751/73. Supplied in sheets or in cut strips, in a range of standard thicknesses.

It will not extrude when compressed, and returns to 80% of its original width After 50% compression.

### Fibreboard Strips



| Fibreboard Strips (2.44m lengths) |  |
|-----------------------------------|--|
| Sizes                             |  |
| 100mm x 12 / 20 / 25mm Strips     |  |
| 150mm x 12 / 20 / 25mm Strips     |  |
| 175mm x 12 / 20 / 25mm Strips     |  |
| 200mm x 12 / 20 / 25mm Strips     |  |
| 225mm x 12 / 20 / 25mm Strips     |  |
| 250mm x 12 / 20 / 25mm Strips     |  |

| Fibreboard Sheets |             |
|-------------------|-------------|
| Size              | Description |
| 1.22 x 2.44m      | 12mm sheets |
| 1.22 x 2.44m      | 20mm sheets |
| 1.22 x 2.44m      | 25mm sheets |

### Bitumen Cork Filler

Cork fillerboard consists of granulated cork, premixed and securely bonded together with a hot bituminous mixture, evenly formed between two sheets of heavy asphalt - saturated felt paper.



Cork fillerboard is highly resilient, water resistant and can be easily handled without breaking. It is Non-Extruding, rot proof, with a recovery rate of over 80% following 50% compression, and is highly resilient to insect, fungal and bacterial attack.

| Cork Filler Sheets |             | Cork Filler Strips (2.134m lengths) |  |
|--------------------|-------------|-------------------------------------|--|
| Size               | Description | Sizes                               |  |
| 0.915 x 2.13m      | 10mm sheets | 175mm x 10 / 12 / 20 / 25mm Strips  |  |
| 0.915 x 2.13m      | 12mm sheets | 200mm x 10 / 12 / 20 / 25mm Strips  |  |
| 0.915 x 2.13m      | 20mm sheets | 225mm x 10 / 12 / 20 / 25mm Strips  |  |
| 0.915 x 2.13m      | 25mm sheets | 250mm x 10 / 12 / 20 / 25mm Strips  |  |



## Butyl-Nek

**Butyl-Nek is a flexible sealing compound for Precast Concrete Units.**

The Butyl-Nek range consists of preformed rubber/bitumen sealing strips of varying sizes designed to form watertight seals between precast concrete elements such as pipes, box culverts and manhole rings.

Butyl-Nek meets the requirements of:  
*Civil Engineering Spec for the Water Industry, 5th edition, WRc 1998*  
*DOT Specification for Highway Works, HMSO 1998*  
*BS EN1917 (supersedes BS8005) sewerage*  
*BS 8301 (Building Drainage) 1985*



### Technical Data

| Product          | Size               |
|------------------|--------------------|
| Butyl-Nek        | 12mm x 60mm x 6m   |
|                  | 12mm x 80mm x 6m   |
|                  | 12mm x 120mm x 6m  |
|                  | 18mm x 18mm x 4.5m |
|                  | 22mm x 22mm x 4.5m |
| Butyl-Nek Primer | 5 Litres           |

### Applications

- Not affected by rainwater, allowing for delays between application and jacking
- Resistant to chemicals
- Cost-effective installation



**A specialist range of joint sealants designed to cope with movement caused, for example by temperature changes, settlement, vibration or wind.**



### Applications

- Joints for thermal or differential movement
- Seals for curtain walling and cladding panels
- Perimeter seals for window and door frames
- Abutment seals for conservatories and canopies
- Tunnelling and guttering, seals for ductwork / air conditioning
- Joints for portable or sectional buildings
- Seals for rooflights, windows and timber framed buildings
- Automotive and highway applications

### COMPRIBAND VSA

Compriband VSA is a bituminised foamed polyurethane sealing strip of great elasticity which can accept extreme compression without sideways expansion. The foam is protected from ultraviolet light by the bitumen. Compriband VSA is self adhesive, supplied precompressed.

### COMPRIBAND SUPER

Compriband Super is expanded polyurethane foam impregnated with waxes and neoprene to form a high quality, low cost and efficient strip sealant. It is suitable for use in joints where exposure to ultraviolet light is low. Compriband Super is supplied precompressed.

### COMPRIBAND ILLMOD 600

Compriband ILLMOD 600 is a soft and flexible polyurethane foam impregnated with a UV stabilised water repellent compound, available with an acrylic adhesive applied to one side. Prior to use the adhesive is protected by removable siliconised paper

### Compriband VSA & Super

| Size | Gap Size | Joint Depth | Exp Thickness | Length |
|------|----------|-------------|---------------|--------|
| 2mm  | 2mm      | 10mm        | 10mm          | 8m     |
| 3mm  | 2-3mm    | 10mm        | 15mm          | 6m     |
| 4mm  | 3-4mm    | 15mm        | 20mm          | 6m     |
| 5mm  | 4-5mm    | 15mm        | 25mm          | 4m     |
| 6mm  | 5-6mm    | 15mm        | 30mm          | 4m     |
| 8mm  | 7-8mm    | 15mm        | 40mm          | 4m     |
| 10mm | 9-10mm   | 15mm        | 50mm          | 4m     |
| 12mm | 10-12mm  | 15mm        | 60mm          | 3m     |
| 16mm | 14-16mm  | 15mm        | 80mm          | 3m     |
| 20mm | 17-20mm  | 15mm        | 100mm         | 3m     |
| 25mm | 22-25mm  | 15mm        | 120/125mm     | 3m     |

### Compriband ILLMOD 600

| Size    | Gap Size | Joint Depth | Roll Length |
|---------|----------|-------------|-------------|
| 2mm     | 2mm      | 10-20mm     | 12.5m       |
| 3mm     | 3mm      | 10-20mm     | 10.0m       |
| 3-7mm   | 3-7mm    | 15-20mm     | 8.0m        |
| 5-10mm  | 5-10mm   | 15-20mm     | 5.5m        |
| 7-12mm  | 7-12mm   | 15-25mm     | 4.3m        |
| 8-15mm  | 8-15mm   | 20-30mm     | 3.3m        |
| 10-18mm | 10-18mm  | 25-30mm     | 6.5m        |
| 13-40mm | 13-40mm  | 30-40mm     | 5.2m        |
| 17-32mm | 17-32mm  | 35-40mm     | 4.0m        |
| 24-40mm | 24-40mm  | 40mm        | 2.7m        |

## Terring - Support / Levelling System

The Terring system consists of flexible supports that are laid beneath the slabs at each abutment. The supports separate the slabs from the surface on which they are laid, spacers, on the upper surface ensure even jointing over the complete paved area.



| Terring Rubber           |
|--------------------------|
| 120/160mm Pedestrian     |
| 200mm Road Surface       |
| Terring Caro             |
| 120/140/160mm Pedestrian |
| 200mm Road Surface       |



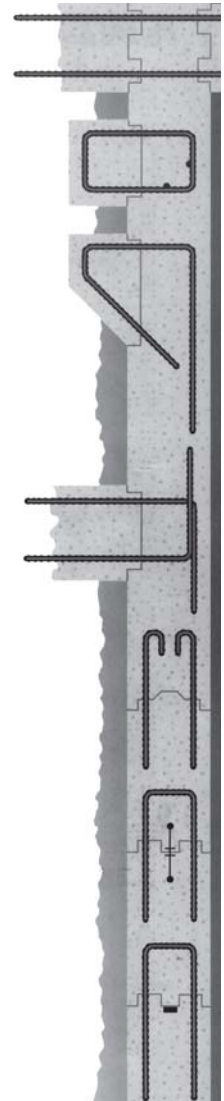
| Terring PVC            |
|------------------------|
| 120/160mm Pedestrian   |
| Terring Support Pad    |
| 130 x 70mm Broken Bond |
| 120mm dia. Pedestrian  |
| 160mm dia. Pedestrian  |

## KWIKASTRIP Formwork Continuity System

### Introduction

The concept of reinforcement continuity strip has been in widespread use throughout Europe for over 20 years, and repeatedly demonstrates itself to be a simple, time-saving and cost effective method of maintaining reinforcement continuity across construction joints in concrete. The system comprises special prebent reinforcement housed in a purpose-designed carrier casing all of which is fabricated off-site in a factory controlled environment.

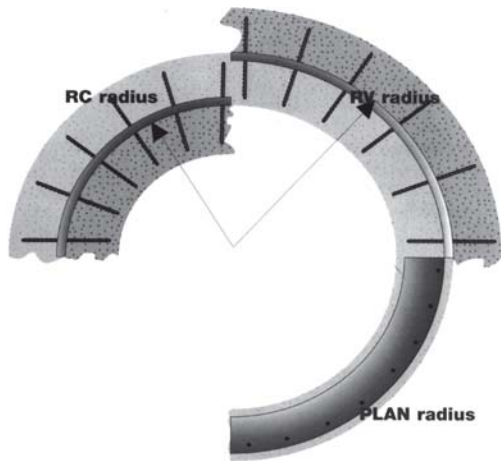
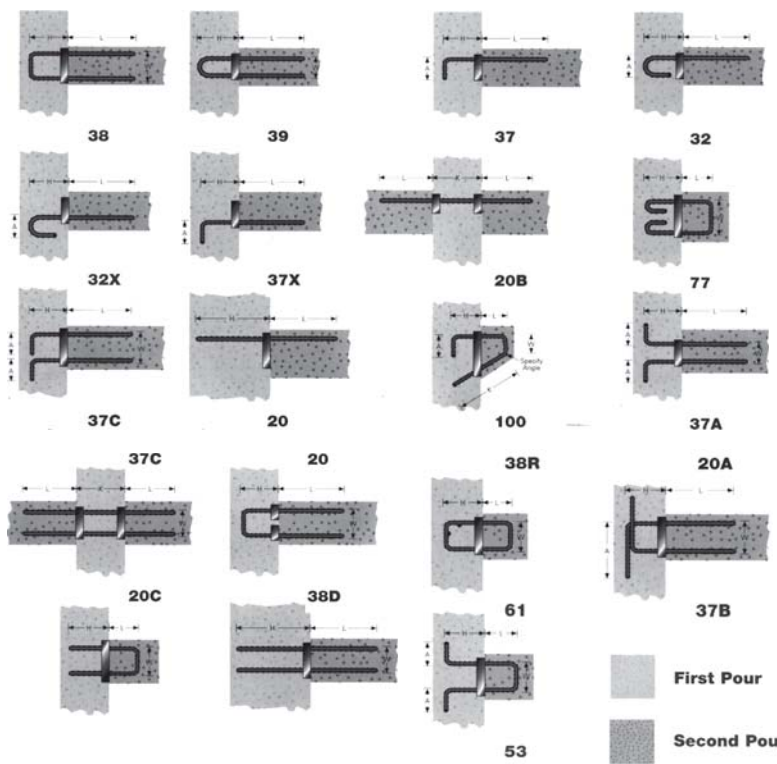
On site, the entire unit is cast into the front face of the wall. After the formwork is struck, the lid is removed to reveal the connection legs (or starter bars) laying inside the casing. These legs are bent out by the contractor, ready for lapping the main reinforcement of the consequent pour. The casing remains embedded in the wall, providing a rebate into which the concrete of the adjoining member is poured, and eliminates the need for traditional preparation (i.e. scabbling) at the joint.



| Applications  | Benefits   |
|---|--|
| <p>Quite simply, any construction joint in concrete has the potential to be formed by this method. Applications include:</p> <ul style="list-style-type: none"> <li>• Walls</li> <li>• Floor slabs</li> <li>• Staircase landings</li> <li>• Stair flights</li> <li>• Brick support nibs</li> <li>• Corbels</li> <li>• Pile caps</li> <li>• Underpinning</li> <li>• Gutters &amp; chambers</li> <li>• Balconies</li> </ul> | <p>Kwikastrip is the only continuity system of its type to be manufactured under a CARES* approved quality system to BS EN ISO 9002:1994.</p> <p>The UK Certification Authority for Reinforcing Steels.</p> <ul style="list-style-type: none"> <li>• Simplifies formwork design</li> <li>• Accelerates pour schedules</li> <li>• Easy to use</li> <li>• No form work damage or wastage</li> <li>• Enables 'systems formwork' to be used</li> <li>• Starter bars remain protected and clean</li> <li>• No projecting bars</li> <li>• Improved shear connection</li> </ul> |



### Standard Shapes



### Radiused Kwikastrip

All referenced bar shapes are essentially available radiused in any of the planes shown, although some shapes and bar configurations will require special consideration. Please ask for advice.

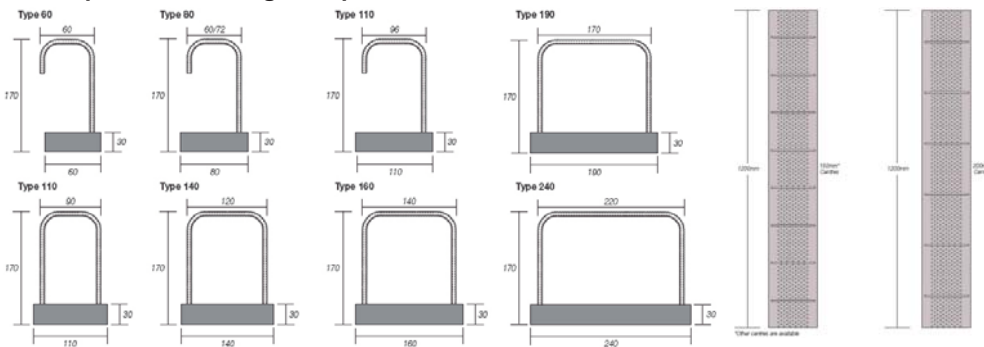
## Ancon Eazistrip Reinforcement Continuity System

The Eazistrip Reinforcement Continuity System is a quick and easy to install method of maintaining continuity of reinforcement at construction joints in concrete. It consists of a galvanised steel casing with a dimpled surface to provide an effective concrete bond. Pre-bent bars are housed within the casing and are enclosed by a protective cover.

Each end of the unit is sealed with a polystyrene block in order to prevent the ingress of concrete. The complete unit is nailed to the formwork. Alternatively it can be wired back to the main reinforcement cage. The concrete is then cast. After striking the formwork, the cover is removed and the bars are straightened, ready for lapping onto the main reinforcement, using an Eazistrip re-bending tool.



### Eazistrip Standard Range Shapes



#### Applications

- Floor slabs
- Walls
- Stairwells
- Corbels
- Diaphragm walls
- Jumpforms
- Brick support ledges

A full range of sizes of the Eazistrip Standard Range is available as well as purpose made sizes, please contact your local branch for full details.

## Ancon Lockable Dowels



**SLAB-TO-SLAB LOCKABLE DOWELS**  
**ESDQ-L20**  
**HLDQ-L30 (high load capacity)**

**SLAB-TO-WALL LOCKABLE DOWEL**  
**ESDQ-L20W**

The 'Lockable Dowel' from Ancon allows initial shrinkage of the concrete to take place and is then locked in position with epoxy resin, inserted from the top of the slab. The locked dowel continues to transfer vertical load, but movement can no longer take place.

It comprises a Duplex stainless steel dowel component, a box-section sleeve with an L-shaped attachment, a locking plate and two-part epoxy resin.

## Ancon MBT Couplers

The MBT range of couplers provides a cost effective method of joining reinforcing bars, particularly when the fixed bar is already in place and there is insufficient space for a hydraulic swaging press. They are easy to install and achieve failure loads higher than 115% of the characteristic yield strength of grade 500 reinforcing bar. Neither bar end preparation to form threads, nor bar rotation are required. MBT couplers can also be used to join imperial, plain round or deformed reinforcing bars.



| MBT ET Series |         |
|---------------|---------|
| Type          | Bar Dia |
| ET10          | 10mm    |
| ET12          | 12mm    |
| ET14          | 14mm    |
| ET16          | 16mm    |
| ET20          | 20mm    |
| ET25          | 25mm    |

Couplers available up to 40mm diameter



| MBT Transition Series |         |
|-----------------------|---------|
| Type                  | Bar Dia |
| TS20/12               | 20/12mm |
| TS20/16               | 20/16mm |
| TS25/16               | 25/16mm |
| TS25/20               | 25/20mm |
| TS32/20               | 32/20mm |
| TS32/25               | 32/25mm |
| TS40/32               | 40/32MM |



| MBT Continuity Series |         |
|-----------------------|---------|
| Type                  | Bar Dia |
| CS12                  | 12mm    |
| CS16                  | 16mm    |
| CS20                  | 20mm    |
| CS25                  | 25mm    |
| CS32                  | 32mm    |
| CS40                  | 40mm    |



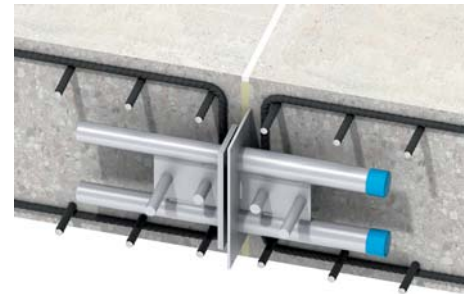
| MBT Headed Anchors |         |
|--------------------|---------|
| Type               | Bar Dia |
| HA10               | 10mm    |
| HA12               | 12mm    |
| HA14               | 14mm    |
| HA16               | 16mm    |
| HA20               | 20mm    |
| HA25               | 25mm    |

Couplers available up to 40mm diameter

## Ancon Shear Load Connectors

The Ancon range of connectors offers significant advantages over plain dowels. Each connector is a two-part assembly comprising a sleeve and a dowel component. Installation is a fast and accurate process, drilling of either formwork or concrete is not required.

The sleeve is simply nailed to the formwork ensuring subsequent alignment with the dowel, essential for effective movement. They are manufactured from stainless steel to ensure a high degree of corrosion resistance with no requirement for additional protection.



The Ancon DSD is the original two-part, double dowel, shear load connector. The two dowels are Duplex stainless steel bar. The dowel component can move longitudinally within the sleeve to accommodate movement.



The Ancon DSDQ shear load connector uses the same dowel component as the Ancon DSD, but the cylindrical sleeve is contained within a rectangular box section to allow lateral movement in addition to the longitudinal movement.

Ancon DSDQ



The Ancon ESD shear load connector is used where loads are small, but where alignment is critical.



It is available in four sizes with each size available in two lengths. The dowel component is Duplex stainless steel bar

The Ancon ESDQ shear load connector uses the same dowel as the ESD, but the cylindrical sleeve is contained within a rectangular box section to allow lateral movement or rotation in addition to longitudinal movement.

Ancon ESDQ



## Ancon Shearfix

Used within a slab to provide additional reinforcement around columns, Ancon Shearfix is the ideal solution to the design and construction problems associated with punching shear. The system consists of double-headed studs welded to flat rails, positioned around the column head or base.

The shear load from the slab is transferred through the studs into the column. Shearfix is suitable for all column shapes and is easy to install either 'top down' or 'bottom up', depending on user preference.

Comparison with Shear Links Ancon Shearfix offers many advantages over loose shear links. Links can be time-consuming to both design and install.

| Shearfix |          |
|----------|----------|
| Type     | Stud Dia |
| AS10     | 10mm     |
| AS12     | 12mm     |
| AS14     | 14mm     |
| AS16     | 16mm     |
| AS20     | 20mm     |
| AS24     | 24mm     |



## Ancon Isolan

The Ancon Isolan system is a structural component used to join external concrete balconies to internal concrete floor slabs. It provides continuity to both the reinforcement and the thermal insulation of the wall protecting the building against the effects of cold bridging. Standard Isolan systems, comprising rigid CFC-free polystyrene insulation and stainless steel shear reinforcement, suit most depths of cantilever and simply supported balconies.



### MV system

The Ancon Isolan MV system is used for the transfer of moment and shear forces in cantilevered balconies.



### V system

The Ancon Isolan V system is used for the transfer of shear forces in simply supported balconies.



Full design literature is provided by Ancon to ensure selection of the most appropriate element, and the correct bar / reinforcement arrangement for the application.

## Lifting Sockets & Hoops

Lifting sockets can be used for a wide range of applications in precast concrete construction, e.g. as lifting anchors for beams, wall & floor slabs etc. For transmission of the forces to the concrete a bet reinforcement bar has to be inserted through the cross hole. A full range of Lifting sockets and hoops is available, please contact our technical sales for detailed literature.

### Lifting Socket - BZP (Flat End)

| Size | Length | SWL (kN) |  |
|------|--------|----------|---|
| M12  | 60mm   | 5        |   |
| M16  | 80mm   | 12       |   |
| M20  | 95mm   | 20       |   |
| M24  | 100mm  | 25       |   |
| M30  | 135mm  | 40       |   |

### Lifting Socket - BZP (Flat End)

| Size | Length | swl (kN) |  |
|------|--------|----------|---|
| M12  | 40mm   | 5        |   |
| M16  | 58mm   | 12       |   |
| M20  | 70mm   | 20       |   |
| M24  | 80mm   | 25       |   |
| M30  | 101mm  | 40       |   |
| M36  | 125mm  | 63       |   |

### Lifting Socket - Wavy End

| Size | Length | SWL (kN) |  |
|------|--------|----------|--|
| M12  | 137mm  | 5        |  |
| M16  | 216mm  | 12       |  |
| M20  | 257mm  | 20       |  |
| M24  | 360mm  | 25       |  |
| M30  | 450mm  | 40       |  |
| M36  | 570mm  | 63       |  |
| M42  | 620mm  | 80       |  |

### Lifting Loops

| Size | Height | swl (kN) |  |
|------|--------|----------|--|
| M12  | 155mm  | 5        |  |
| M16  | 155mm  | 12       |  |
| M20  | 215mm  | 20       |  |
| M24  | 255mm  | 25       |  |
| M30  | 300mm  | 40       |  |
| M36  | 340mm  | 63       |  |

### Combination Lifting Loops

| Size | Height | swl (kN) |  |
|------|--------|----------|---|
| M12  | 355mm  | 5        |   |
| M16  | 385mm  | 12       |   |
| M20  | 470mm  | 20       |   |
| M24  | 550mm  | 25       |   |
| M30  | 590mm  | 40       |   |

### Combination Eyes

| Size | swl (kN) |  |
|------|----------|---|
| M12  | 5        |   |
| M16  | 12       |   |
| M20  | 20       |   |
| M24  | 25       |   |
| M30  | 40       |   |


### Cast-in Loops

| Height | swl (kN) |  |
|--------|----------|---|
| 200mm  | 8        |   |
| 220mm  | 12       |   |
| 235mm  | 16       |   |
| 255mm  | 20       |   |
| 280mm  | 25       |   |
| 330mm  | 40       |   |
| 385mm  | 63       |   |
| 430mm  | 80       |   |
| 470mm  | 100      |   |

### Fixing Socket - BZP (Flat End)

| Size | Length | SWL (kN) |  |
|------|--------|----------|---|
| M8   | 50mm   | 2        |   |
| M10  | 50mm   | 3.5      |   |
| M12  | 60mm   | 5        |   |
| M16  | 80mm   | 8        |   |
| M16  | 100mm  | 10       |   |
| M16  | 120mm  | 12       |   |
| M20  | 100mm  | 12.5     |   |
| M20  | 120mm  | 12.5     |   |
| M24  | 120mm  | 16.8     |   |

### Fixing Socket Crosspin - BZP (Flat End)

| Size | Length | SWL (kN) |  |
|------|--------|----------|---|
| M12  | 55mm   | 5        |   |
| M16  | 80mm   | 10       |   |
| M24  | 120mm  | 16.8     |   |