

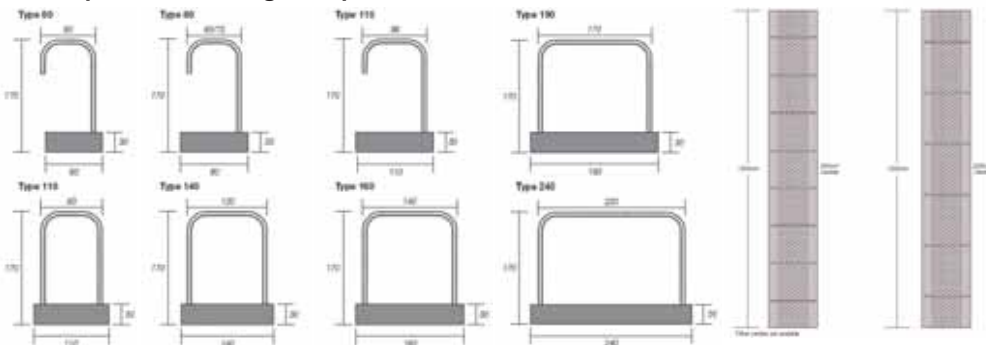
Ancon Building Products Eazistrip Reinforcement Continuity System

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 Building Products 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 Building Products 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.

Ancon DSD



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.

Ancon ESD



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



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

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.