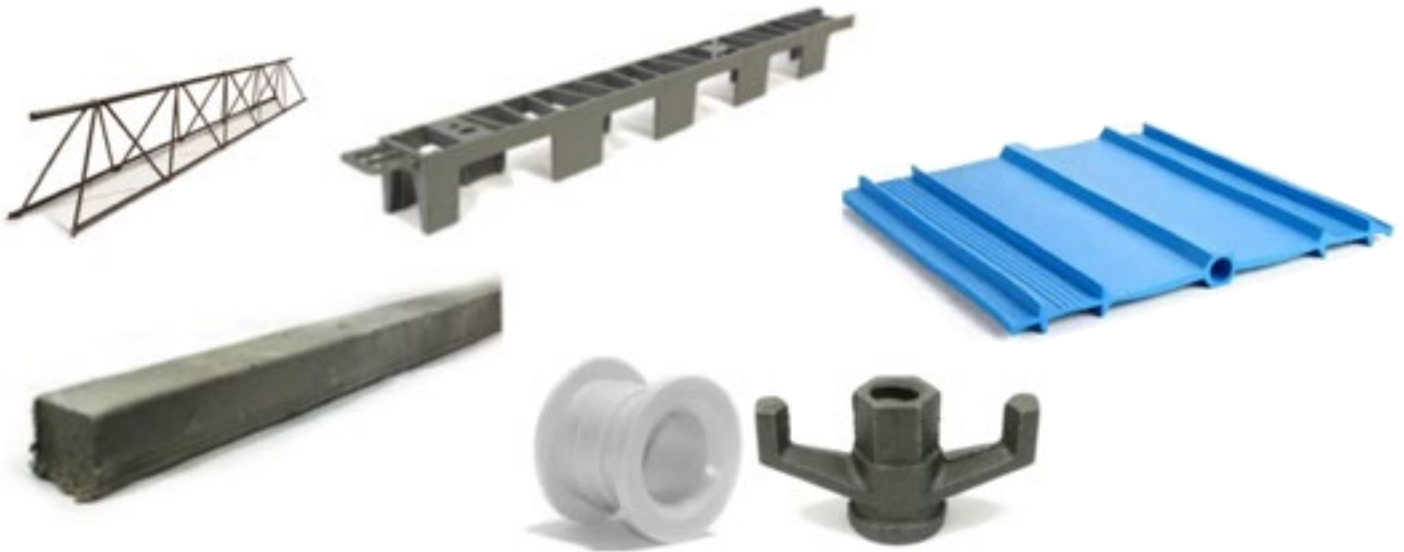


// MIDLAND FORMWORK

2023 CATALOGUE



- FORMWORK & SCAFFOLDING • FORMWORK ACCESSORIES •
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Clonsast, Bracknagh, Rathangan, Co. Kildare. R51 CK33

Tel: 057 862 9893 / 087 261 6804 | Email: midlandfw@gmail.com | Web: Midlandformwork.ie

Standard Plastic Circles

Product Code	Cover (mm)	Bar Dia. (mm)	Pack Size	Pallet Size
PCS200412	20	4-12	4000	72000
PCS250412	25	4-12	2500	45000
PCS250812	25	8-12	1000	40000
PCS251220	25	12-20	1000	36000
PCS300812	30	8-12	1500	30000
PCS301220	30	12-20	1000	20000
PCS351220	35	12-20	500	10000
PCS400412	40	4-12	750	13000
PCS400816	40	8-16	750	13500
PCS401220	40	12-20	250	14000
PCS450816	45	8-16	500	10000
PCS500816	50	8-16	250	7500
PCS501220	50	12-20	250	7500
PCS601220	60	12-20	250	6500



Standard Plastic Circles are ideal for vertical surfaces. Available in various sizes to suit most configurations of bar and cover.

Clip-Fix Plastic Chair

Product Code	Cover (mm)	Pack Size (mtr)	Pallet Size (mtr)
PCHCF20	20	80	5120
PCHCF25	25	100	4200
PCHCF30	30	100	3600
PCHCF35	35	60	3360
PCHCF40	40	60	2880
PCHCF50	50	60	1680

All sizes are 2 metre lengths



A strong spacer with a very good concrete flow characteristics as a result of the large cut outs on the sides. It can be separated by hand to form 2 x 1 metre lengths.

Manufactured to meet the requirements of BS7973-1 :2001 Annex A.

Flat Base Clip-on

Product Code	Cover (mm)	Bar Dia. (mm)	Pack Size	Pallet Size
FB25301	25-30	6-12	250	10000
FB40501	40-50	6-12	200	10400
FB65751	65-75	6-12	200	10000
FB901001	90-100	6-12	100	6000



Offers stable support to reinforcing steel in ground floor slabs and its wide base area prevents of polythene film. It is ideal for vertical application in ground beams.

Heavy Duty Flat Base Clip-on

Product Code	Cover (mm)	Bar Dia. (mm)	Pack Size	Pallet Size
FB40502	40-50	6-12	200	10000
FB65752	65-75	6-12	200	10000

Manufactured to meet the requirements of BS7973-1 :2001 Annex A



A very stable heavy duty mesh spacer capable of withstanding vertical loads of 100kg. The wide base distributes the load of the reinforcing mesh over a large area, preventing accidental perforation of damp proof

and gas membranes. The clipping mechanism prevents rotation of the spacer when it is used on vertical formwork faces, making it ideal for use with permanent formwork systems.

CLIP-FIX

Rebar Identification Caps

Product Code	Bar Dia. (mm)	Pack Size	Pallet Size
RSC0618	6-18	250	10000
RSC1632	16-32	250	10000
RSC4050	40-50	100	5000



Designed with high visibility to identify projecting reinforcement bars.

Rebar Safety Strip

Product Code	Type	Bar Dia. (mm)	Length (mm)	Pallet Size (no)
RSS	Plastic	8-40	1000	294
RSSHD	Plastic with Steel	8-40	1000	294



Manufacturers test data available on request

The Rebar Safety Strip is manufactured from weather and impact resistant plastic. IT is also quick and easy to use as well as being re-usable. The heavy duty version has a steel insert which is capable of absorbing the impact of a 100kg mass dropped from a height of 3mtrs.

Concrete Square Bar-40N/mm2

Product Code	Cover (mm)	Length (mtr)	Pallet Size (no)	Pallet Weight (kg)
CB25	25	1	600	781
CB30	30	1	600	1135
CB40	40	1	300	992
CB45	45	1	250	1145
CB50	50	1	250	1299
CB60	60	1	150	1198
CB75	75	1	100	1242
CBS100	100	1	70	1549



Fibre reinforced concrete spacer for horizontal reinforcement.

Minimum Concrete Strength of 40N/mm2

Single Cover

Product Code	Cover (mm)	Pack Size	Pallet Size
C25	25	500	20000
C30	30	500	20000
C35	35	250	15000
C40	40	250	10000
C45	45	250	10000
C50	50	200	10000
C60	60	200	8000
C75	75	125	5000



Designed for use on both horizontal and vertical applications.

Minimum Concrete Strength of 40N/mm2

Double Cover

Product Code	Cover (mm)	Pack Size	Pallet Size
C2530	25-30	500	25000
C3040	30-40	250	15000
C4050	40-50	200	10000
C6075	60-75	50	2500



Designed for use on both horizontal and vertical applications.

Minimum Concrete Strength of 40N/mm2

Triple Cover

Product Code	Cover (mm)	Pack Size	Pallet Size
C202530	20-25-30	1000	30000
C354050	35-40-50	200	10000
C455560	45-55-60	125	5000

Minimum Concrete Strength of 40N/mm2



Ideal for vertical applications as it minimises contact with the formwork.

Triple Cover Ready Wired

Product Code	Cover (mm)	Pack Size	Pallet Size
CGW202530	20-25-30	600	24000
CGW354050	35-40-50	185	7400
CGW455560	45-55-60	130	5200

Minimum Concrete Strength of 50N/mm2



Ideal for vertical applications as it minimises contact with the formwork.

Approved according to DBV specification.

Mesh Spacers

Product Code	Cover (mm)	Pack Size	Pallet Size
CM4050	40-50	100	5000

Minimum Concrete Strength of 40N/mm2



Concrete spacer suitable for use with horizontal mesh reinforcement.

High Chairs

Product Code	Height (mm)	Bar Size (mm)			Length (mtr)	Weight (kg/mtr)	Pack Size (mtr)
AL050 *	50	4.0	2.8	2.8	2	0.310	500
AL060 *	60	4.0	2.8	2.8	2	0.315	500
AL070	70	4.0	2.8	2.8	2	0.320	500
AL075 *	75	4.0	2.8	2.8	2	0.324	500
AL090 *	90	4.0	2.8	2.8	2	0.333	500
AL100	100	4.0	2.8	2.8	2	0.340	500
AL105 *	105	4.0	2.8	2.8	2	0.344	500
AL120 *	120	4.0	2.8	2.8	2	0.355	500
AL130 *	130	4.0	2.8	2.8	2	0.362	500
AL135 *	135	4.0	2.8	2.8	2	0.366	500
AL150 *	150	4.0	2.8	2.8	2	0.379	500
AL160	160	4.5	3.0	3.0	2	0.457	500
AL165 *	165	4.5	3.0	3.0	2	0.462	500
AL170	170	4.5	3.0	3.0	2	0.467	500
AL180 *	180	4.5	3.0	3.0	2	0.477	500
AL190	190	4.5	3.0	3.0	2	0.486	500
AL200 *	200	4.5	3.0	3.0	2	0.497	500
AL220 *	220	4.5	4.0	3.0	2	0.735	200
AL250 *	250	4.5	4.0	3.0	2	0.790	200
AL280 *	280	4.5	4.0	3.0	2	0.846	200
AL300 *	300	4.5	4.0	3.0	2	0.884	200



Intersig's High Chairs are designed for supporting bars and mesh on site and in the precast factory. Their unique design eliminates any danger of puncturing the Damp Proof Membrane on ground floor slabs. Also known as Hystools and Deck Chairs.

Expansion Joint Foam

Product Code	Width x Depth (mm)	Tear Off (mm)	Pack Size (mtrs)
JF10100	10 x 100	10	10 & 25
JF10140	10 x 140	10	10
JF10150	10 x 150	10	10
JF10175	10 x 175	10	10
JF10200	10 x 200	10	10
JF10225	10 x 225	10	10
JF10250	10 x 250	10	10
JF10300	10 x 300	10	10
JF12100	12 x 100	12	10
JF12150	12 x 150	12	10 & 25
JF12175	12 x 175	12	10
JF12200	12 x 200	12	10 & 25
JF12250	12 x 250	12	10
JF12275	12 x 275	12	10
JF15100	15 x 100	15	20
JF15150	15 x 150	15	20
JF15175	15 x 175	15	20
JF15200	15 x 200	15	20
JF15250	15 x 250	15	20
JF20100	20 x 100	20	20
JF20150	20 x 150	20	20
JF20175	20 x 175	20	20
JF20200	20 x 200	20	20
JF20225	20 x 225	20	20
JF20250	20 x 250	20	20
JF20300	20 x 300	20	20
JF25100	25 x 100	25	20
JF25150	25 x 150	25	20
JF25175	25 x 175	25	20
JF25200	25 x 200	25	20
JF25225	25 x 225	25	20
JF25250	25 x 250	25	20
JF25300	25 x 300	25	20



Joint Foam is a closed cell polyethylene foam used as a joint filler, joint former, non-load transfer filler, grout check, stop-end, insulant and many more applications.

Technical Specifications

Properties	Test Method	Unit	Typical Value
Density	DIN 53420	kg/m3	28
Tensile Strength Extrusion Direction Cross Direction	DIN 53571	N/mm2	0.318 0.227
Elongation at Break Extrusion Direction Cross Direction	DIN 53571	%	70 65
Compression Strength 25% (4th Compression) 50% (4th Compression) 70% (4th Compression)	DIN 53577	N/mm2 0.031 0.091 0.221	
Thermal Stability	ASTM D-3575-S	%	< 3
Cell Size	BS 4443/1 Met.4	Cells/25mm	≥ 26
Water Absorption (after 24 hours)	DIN 53428	Vol %	0.7
Working Temp Range	Internal	°C	039 to +80

10mm and 12mm are supplied in Coils, 15mm and above are in 2 metre strips. Bespoke sizes available on request.

Expansion Joint Foam Sheets

Product Code	Thickness (mm)	Sheet Size (mm)	Pallet Size
JFS10	10	2000 x 1200	150
JFS12	12	2000 x 1200	125
JFS15	15	2000 x 1200	100
JFS20	20	2000 x 1200	80
JFS25	25	2000 x 1200	80
JFS30	30	2000 x 1200	50
JFS50	50	2000 x 1200	25



High density sheets and bespoke sizes also available.

Waxed Bolt Boxes

Product Code	Length (mm)	Tapering from (mm)	Pack Size (no)
BB229	229	70 x 20	400
BB305	305	92 x 20	300
BB380	380	108 x 25	200
BB457	457	114 x 30	100

Bolt Boxes

Product Code	Length (mm)	Pack Size
BBPL380	380	15

Holding Down/Foundation Bolts

Product Code	Dia. (mm)	Length (mm)	Thread Length (mm)	Grade	Pallet Size
HDB16300	16	300	min. 116 / max. 122	4.6 or 8.8	1600
HDB16375	16	375	min. 116 / max. 122	4.6 or 8.8	1400
HDB16450	16	450	min. 116 / max. 122	4.6 or 8.8	1200
HDB16525	16	525	min. 116 / max. 122	4.6 or 8.8	1200
HDB16600	16	600	min. 116 / max. 122	4.6 or 8.8	1200
HDB20300	20	300	min. 120 / max. 128	4.6 or 8.8	1200
HDB20375	20	375	min. 120 / max. 128	4.6 or 8.8	1000
HDB20450	20	450	min. 120 / max. 128	4.6 or 8.8	800
HDB20525	20	525	min. 120 / max. 128	4.6 or 8.8	700
HDB20600	20	600	min. 120 / max. 128	4.6 or 8.8	450
HDB24375	24	375	min. 124 / max. 133	4.6 or 8.8	400
HDB24450	24	450	min. 124 / max. 133	4.6 or 8.8	400
HDB24525	24	525	min. 124 / max. 133	4.6 or 8.8	400
HDB24600	24	600	min. 124 / max. 133	4.6 or 8.8	400
HDB30450	30	450	min. 130 / max. 141	4.6 or 8.8	300
HDB30525	30	525	min. 130 / max. 141	4.6 or 8.8	300
HDB30600	30	600	min. 130 / max. 141	4.6 or 8.8	200

Kota Metal Top Screed Rails

Product Code	Height (mm)	Length (mtr)	Pack Size (no)
KA050	50	3.9	25
KC065	65	3.9	25
KC090	90	3.9	25
KC115	115	3.9	25
KC140	140	3.9	20
KC165	165	3.9	20

Distance between the dowel holes is 300mm.



Bolt Cracker

Product Code	Bolt Dia. (mm)	Pack Size
BC20	20	100
BC24	24	100

The Bolt Cracker is an innovative invention designed to maximize holding down bolt movement. It provides a simple, easy to install, safe and cost effective solution to a very common problem within the construction process.



A non-preloaded bolting assembly for providing connections between structural steel stanchion bases and concrete foundations. These bolts are supplied complete with the corresponding full nut and are manufactured in accordance with BS 7419-2012 and are CE marked and UKCA marked in accordance with BD EN 1504-1. They are available in either 4.6 or 8.8 property classes in accordance with BS EN IS)988-1 & 2.



Kota screed rails eliminate the cost of hiring, cleaning, repairing and storing road forms. The permanent formwork system forms part of the completed slab and provides a super flat edge screed from which in turn provides protection to the leading edge of the slab throughout its operational lifetime. The use of Kota Screed rails automatically speeds up production of the adjacent slabs as the rail from the previous pour forms the new edge of the subsequent pour.

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Plastic Rail

Product Code	Height (mm)	Length (mtr)
KP050	50	3.0
KP080	80	3.0
KP125	125	3.0



Plastic rails are designed for foot traffic only and should not be used where forklifts or vehicles drive over the joint.

Polyurethane Sealant 1245

Product Code	Description	Colour	Packaging	Size (ml)	Pack Size (no)
ARB1245	Gun Grade	Grey	Foil	600	20

Arbothane 1245SL is a self-levelling one part Polyurethane Sealant which cures on exposure to moisture vapour to form a tough but flexible rubber. It has good adhesion to concrete, brickwork, metals and many other common construction substrates.



Modified Polymer Sealant

Product Code	Description	Colour	Packaging	Size (ml)	Pack Size (no)
ARBMP20BL	Gun Grade	Black	Cartridge	380	25
ARBMP20GR	Gun Grade	Grey	Cartridge	380	25
ARBMP20WH	Gun Grade	White	Cartridge	380	25
ARBMP20GRF	Gun Grade	Grey	Foil	600	20

Arbomerics MP20 is a one part high modulus Modified Polymer Sealant which cures on exposure to moisture vapour to form a tough but elastic rubber.



Guns

Product Code	Description	Pack Size (no)
ARBBG	Barrel Gun	1
ARBFG	Foil Gun	1

High quality gun used in conjunction with the above sealants.



Tamping Bars

Product Code	Length (mtr)	Dimensions (mm)
TB3	3	100 x 50
TB4	4	100 x 50
TB5	5	100 x 50
TB6	6	100 x 50
TB7	7	100 x 50



Aluminium bar for accurately tamping and levelling concrete. Can be used as a straight edge. Also available with handles on request.

150mm Water Bar

PVC Water Bar Internal or External Expansion

Product Code	Size
PVC150	150
PVC200	200



Bentobar+

Product Code	Colour	Width (mm)	Thickness (mm)	Length (mtr)	Pack Size
BB+2010	Black/Green	20	10	10	5 x 10mtrs (50mtrs)
BB+2025	Black/Green	20	25	5	6 x 5mtrs (30mtrs)

Bentobar+ self-expanding sealing bars. Availabe in:

- Standard version (black/green)
- Salt version (red) for salt water up to 3w% and contaminated water.

Bentonite waterstops are invaluable to the concrete and construction industries, providing an efficient means for sealing construction joints. Bentobar has been sold worldwide for over 25 years and is well known for its stability and durability. Even after repeated wet-dry cycles, Bentobar+ maintains a perfect seal thanks to its high rubber content. Bentobar+ is also far less susceptible to washing out than traditional bentonite seals. In addition to the standard version, variants also exist for use in seawater (saline concentration up to 3%) and contaminated water. Both are available in a wide range of sizes.



Bentonite self-expanding sealing bar for sealing construction joints.

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Polybar+

Product Code	Colour	Width (mm)	Thickness (mm)	Length (mtr)	Pack Size
PB+205	Blue	20	5	10	5 x 10mtrs (50mtrs)
PB+2010	Blue	20	10	10	9 x 10mtrs (90mtrs)
PB+2020	Blue	20	20	5	9 x 5mtrs (45mtrs)
PB+2030	Blue	20	30	5	4 x 5 mtrs (20mtrs)
PB+3030	Blue	30	30	5	3 x 5mtrs (15mtrs)
PB+505	Blue	50	5	15	4 x 15mtrs (60mtrs)
PB+1005	Blue	100	5	15	2 x 15mtrs (30mtrs)

Polybar+ self-expanding sealing bars are based on a thermoplastic synthetic rubber. Available in:

- Standard version (blue)
- Salt version (yellow) for salt water up to 3w%, manure and slurry.
- Superswell version (orange) for use under highly saline conditions.

Polybar+ is a high quality, durable waterstop. After greater than 35 wet-dry cycles the profile still reveals the same expansion potential. This synthetic waterstop is perfectly stable over time.



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Fixing Strip

Product Code	Description	Length (mtr)	Pack Size
WTFS	Fixing Strip to suit Bentobar+	1	30

This Fixing Strip is manufactured from galvanised wire mesh and is used to fix the swellable sealing bars.



Adhesions

Product Code	Description	Tube Size (ml)	Coverage (mtrs)	Pack Size (no)
BBFG	Fixing Glue	290	4-8	12
BBSP	Swellable Paste	310	4-8	12

BeSealed Fixing Glue: For optimal fixation of hydrophilic profiles.
BeSealed Swellable Paste: Polyurethane water swellable paste for perfect adhesion and sealing.



Multigrout 60 - High flow construction grout



Product Code	Size (kg)
MULTIGROUT	25kg

Multigrout 60 is a heavy duty, single component, cementitious, non-shrink, highly flowable grout. It is a blend of modified cements and granular aggregate free from corrosive substances. Multigrout requires only the addition of water to produce a highly fluid grout with excellent penetration and levelling characteristics allowing easy placing by pump or pouring. This provides a strong, void-free fill which is durable and of low water absorption. Multigrout is mainly used for grouting under machinery baseplates, stanchion baseplates, transformers handrails and many other similar applications.



Standard Tie Bar

Product Code	Bar Size (mm)	Length (mtr)	Safe Working Load (kN)	Fall Load (kN)
FTB151.0	15	1.0	90	180
FTB151.2	15	1.2	90	180
FTB151.5	15	1.5	90	180
FTB152.0	15	2.0	90	180
FTB153.0	15	3.0	90	180
FTB15	15	6	90	180
FTB201.2	20	1.2	160	320
FTB201.5	20	1.5	160	320
FTB202.0	20	2.0	160	320
FTB203.0	20	3.0	160	320
FTB20	20	6	160	320
FTB26.5	26.5	6	300	579
FTB32	32	6	425	844
FTB36	36	6	530	1069
FTB40	40	6	660	1320



Tie Bar is a high tensile alloy steel bar with a right-hand thread which is self-cleaning and quick to use. A cutting service is available for shorter lengths.

Pressed Waler Plate

Product Code	Bar Size (mm)	Hole Dia. (mm)	Dimensions (mm)	Pack Size	Pallet Size
FWP15	15	20	120x120x10	25	1000

High quality pressed plate used in conjunction with Wing Nuts which are designed to spread the loads of the Tie Bar into the shuttering.



Plain Waler Plate

Product Code	Bar Size (mm)	Hole Dia. (mm)	Dimensions (mm)	Pack Size	Pallet Size
FPWP20	20	26	120x120x20	10	500
FPWP26	26.5	32	120x120x32	10	300
FPWP32	32	38	160x160x40	10	200
FPWP36	36	43	180x180x45	10	150
FPWP40	40	50	220x220x50	10	100



High quality plain plate used in conjunction with Wing Nuts which are designed to spread the load of the Tie Bar into the shuttering.

Wing Nut/Load Bearing Nut

Product Code	Description	Bar Size (mm)	Height (mm)	Pack Size	Pallet Size
FWN15	Wing Nut	15	50	100	3500
FWN 20	Wing Nut	20	60	50	2500
FWN26	Wing Nut	26.5	65	50	1500
FWN32	Load Bearing Nut	32	55	25	1000
FWN36	Load Bearing Nut	36	60	25	1000
FWN40	Load Bearing Nut	40	70	25	1000



Used for securing Waler Plates against formwork.

Note: Load Bearing Nut is a similar design to that of a Hex Nut.

Connectors

Product Code	Bar Size (mm)	Dimensions (mm)	Pack Size	Pallet Size	Pallet Size
FTBC15	15	30x105	100	2500	3500
FTBC20	20	40x130	50	1000	2500
FTBC26	26.5	50x170	50	300	1500
FTBC32	32	60x200	25	200	1000
FTBC36	36	68x210	25	100	1000
FTBC40	40	71x245	25	100	1000



Used for connecting two Tie Bars together with a centre stop to ensure equal spacing of bar inside the connector.

Hex Nuts

Product Code	Bar Size (mm)	Dimensions (mm)	Pack Size	Pallet Size	Pallet Size
FHN15(30)	15	30x30	200	3500	3500
FHN15	15	30x50	200	3500	2500
FHN20	20	36x60	50	2500	1500
FHN26.5	26.5	46x80	25	1500	1000



Used as an alternative to Wing Nuts when access is restricted.

Weldable Anchor

Product Code	Bar Size (mm)	Pack Size	Pallet Size
FWA15	15	100	3300
FWA20	20	20	2000
FWA26.5	26.5	10	1000



A forged anchor which can be welded to structural steel, sheet piling etc. Anchors must be welded continuously all the way round. Load test should be conducted before use.

Water Barriers

Product Code	Bar Size (mm)	Pack Size	Pallet Size
FWBN	15	50	2000
FWBNB20	20	50	1260



For use in water retaining structures. They are cast into the concrete wall between two separate Tie Bars. After the concrete pour, the Tie Bars are removed leaving the water barrier in-situ. Reducers also available.

Plastic Sleeve

Product Code	Size (mm)	Length (mtr)	Pack Size (mtr)	Pallet Size (mtr)
FPS20	20id	2	100	3000
FPS22	22id	2	100	3500
FPS2226	22id	2	100	3000
FPS26	26id	2	50	2500
FPS32	32id	2	30	500



A rigid plastic tube used as a spacer between formwork that allows the Tie Bar to be removed for re-use.

Plastic Cones

Product Code	Size (mm)	Cover (mm)	Pack Size
FPC20	20	10	500
FPC22	22	10	500
FPC2230	22	30	250
FPC 2250	22	50	250
FTPC22	22	30	250
FPC 26	26	10	250
FPC2650	26	50	250
FTPC26	26	50	250
FPC32	32	10	250

FTPC22 & FTPC26
(Threaded)



Plastic Cones are used on both ends of the sleeve and can easily be removed leaving a tapered finish that allows easy grouting and correct cover. Tieplug filler is also available.

Sealing Plug

Product Code	Colour	Size (mm)	Pack Size
SP22*	Blue	22	100
SP24	Blue	24	100
SP26*	Blue	26	100
SP32*	Blue	32	100
SP34	Blue	34	100



Patented water-sellable plug for the perfect seal of formwork spacers.

The Sealing Plug is a revolutionary solution for sealing structural concrete formwork spacers. Sealing Plugs comprise of a water-swellaable rubber cap and solid core. The cap prevents water infiltrating the spacer and the core provides a mechanical anchor under water pressures up to 6 bar.

This water-activated, self-expanding sealing solution is one of our most innovative. It guarantees a perfect seal, combatting moisture infiltration with a single hammer blow.

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Aqua Stoppers

Product Code	Size (mm)	Pack Size
FRS20	20	500
FRS22	22	500
FRS26	26	500
FRS32	32	125



A flexible tight fitting plug for internal sealing of plastic sleeve prior to filling with Tieplug filler.

Formwork Plug

Product Code	Size (mm)	Pack Size
FFP	20-25	500



A plastic plug for closing holes in formwork.

Groove Cap

Product Code	Size (mm)	Pack Size
FGC	22/26	250



Groove Caps are fitted onto a plastic sleeve instead of cones and are not removed after pouring the concrete. The ribs provide a good bond with the concrete and improve the water impermeability. Should only be used with FPS2226.

Groove Plug

Product Code	Size (mm)	Pack Size
FGP	22/26	500



The Groove Plugs are used to close the Groove Cap at both ends eliminating the need for Aqua Stoppers or a cementitious tie seal.

Oktagon+ Complete Formwork Tube

Product Code	Bar Size (mm)	Pack Size	Pallet Size
FCT22150	22	150	100
FCT22175	22	175	100
FCT22180	22	180	100
FCT22200	22	200	100
FCT22220	22	220	100
FCT22240	22	240	100
FCT22250	22	250	100
FCT22300	22	300	100
FCT22350	22	350	100
FCT22360	22	360	100
FCT22365	22	365	100
FCT22400	22	400	100
FCT22450	22	450	50
FCT22500	22	500	50
FCT22550	22	550	50
FCT22600	22	600	50



A fully assembled formwork spacer including plugs. Waterproof, fire resistant and soundproof. Also available in 26mm upon request.



Scan QR Code for installation video

Spring Clamp & Lever

Product Code	Width (mm)	Length (mtr)	Pack Size
FSC	76	110	25
FSCL	Lever		1

A fast and effective method for securing formwork in light applications. For use with 4 to 10mm diameter reinforcement bars.



Lever for tensioning spring clamps.

Polypropylene Beam Form

Product Code	Length (mtr)	Width (mtr)	Thickness (mm)	Pack Size (no)
PBF	4	2	7	80
PBF424	4	2.4	7	80
PBF25450	2.5	0.450	7	80
PBF25600	2.5	0.600	7	80



Polypropylene Beam Form provides a fast and cost effective method of constructing on site concrete ground beams and pile caps.

Plastic Kickers

Product Code	Dia (mm)	Height (mm)	Pack Size
FPK	48	30	500



Plastic Kickers are used to locate the formwork panel at the base of walls. They are positioned using masonry nails.

Not supplied with nails

Formwork Tape

Product Code	Width (mm)	Length (mtr)	Pack Size (no)
FTAPE	50	33	24
FTAPE75	75	33	16



A PVC tape for the sealing of joints in formwork to prevent grout loss.

Formwork Foam

Product Code	Thickness (mm)	Width (mm)	Length (mtr)	Pack Size (no)
FF1206	12	6	10	25
FF1212	12	12	5	25
FF1806	12	6	10	25
FF2412	24	12	5	12



Formwork Foam is a closed cell polyethylene foam to stop grout loss at formwork joints. It is available in a low or high density option.

Lined BAG Column Formers are fitted with a PVC internal liner running the entire length of the column tube, providing a smooth blemish free surface. Lined Column Formers will only leave a hairline seam on the surface of the finished column corresponding to the joint line of the formwork lining material.

Unlined BAG Column Formers are ideal for applications where surface finish is not critical. They leave a spiral joint line on the surface of the finished concrete.



Scan the QR Codet to download full technical manual.



Product Code	Tube ID (mm)	Tube Wall Thickness (mm)	Maximum Pour Rate (m/hr)	Concrete Required (m3/mtr)	Weight (kg/mtr)
BAG0150	150	2.8	4.50	0.02	1.24
BAG0200	200	2.8	4.50	0.03	1.63
BAG0240	240	3.2	4.50	0.05	1.96
BAG0250	250	3.2	4.50	0.05	2.08
BAG0300	300	3.2	4.50	0.07	2.38
BAG0350	350	3.7	4.50	0.10	3.09
BAG400	400	4.1	4.13	0.13	3.52
BAG450	450	4.1	3.75	0.16	4.50
BAG500	500	4.6	3.00	0.20	5.44
BAG550	550	4.6	2.25	0.24	5.99
BAG600	600	5.0	2.25	0.28	6.53
BAG0650	650	5.0	2.25	0.33	7.16
BAG0700	700	5.0	2.25	0.38	7.71
BAG0750	750	5.0	1.88	0.44	8.26
BAG0800	800	5.5	1.88	0.50	8.81
BAG0850	850	5.5	1.50	0.57	9.36
BAG0900	900	5.5	1.50	0.64	9.91
BAG0950	950	5.5	1.50	0.71	10.46
BAG1000	1000	5.9	1.50	0.79	11.11
BAG1100	1100	5.9	1.50	0.95	12.11
BAG1200	1200	5.9	1.50	1.13	13.21

Caution: maximum pour rates should be observed.
Diameters 650mm and above are supplied in polyethylene surrounded by fibreglass tape for greater rigidity.

MD Mould Oil

Product Code	Description	Capacity (ltr)
MD020	Mould Oil	20
MD205	Mould Oil	205
MD1000	Mould Oil	1000

High oil content mould oil. Available in 20 litre, 205 litre and 1000 litre.



Steel Sprayers-Ferrox Plus

Product Code	Description	Capacity (ltr)	Operating pressure	Seal	Weight (kg)
SCMM05	Ferrox Plus	5	6 Bar	Viton Seal	5.0
SCMM10	Ferrox Plus	10	6 Bar	Viton Seal	6.0

Hose length: 2.5 mtr
Spraying lance: 50cm



The Ferrox Plus range of sprayers are made from high quality steel, this making them highly resistant to a large range of construction chemicals.

Key features:

- Total capacity: 13 litres
- Working capacity: 10 litres
- Strong polyester-coated steel tank
- Large diameter steel filling funnel
- Brass pump
- Oil resistant seals (Viton)
- Special oil hose that remains flexible also in cold weather
- Continuously rotatable 50cm brass spray lance
- Special flat spray nozzle with fine-mesh filter

Plastic Sprayers

Product Code	Description	Capacity (ltr)	Operating Pressure	Seal	Weight (kg)
SCPM05B	Flori	5.0	3 Bar	MBR	1.5
SCPM05	Fix Plus	5.0	3 Bar	Viton	1.4
SCPM10	Profi Plus	10.0	3 Bar	Viton	3.3

Hose length: Flori 1.3m, Fix Plus 2.0m, Profi Plus 2.5m
Spraying Lance: Flori 48cm, Fix Plus 48cm, Profi Plus 50cm



These sprayers are made of high resistance plastic and are suitable for a wide range of construction chemicals.

Key features:

- Total capacity: 13 litres
- Working capacity: 10 litres
- Strong polyester-coated steel tank
- Large diameter steel filling funnel
- Brass pump
- Oil resistant seals (Viton)
- Special oil hose that remains flexible also in cold weather
- Continuously rotatable 50cm brass spray lance
- Special flat spray nozzle with fine-mesh filter

Adopatch Grey - Rapid Set Repair Compound

Product	Product Code	Size (kg)
Adopatch	Grey ADOPG025	25kg
Adopatch	White ADOPW025	25kg

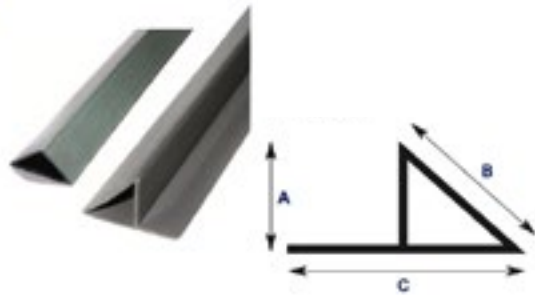
Adopatch is a cementitious powder compound with the inclusion of a polymer to promote adhesion and resistance to the passage of water and a water reducing agent to facilitate a low water : cement ratio. The mortar sets within minutes and develops compressive strengths within hours in excess of fully cured concrete. Adopatch is available in grey and white colours so they can be blended to match most shades of concrete.



Chamfer Edge Profiles

Product Code	Description	A (mm)	B (mm)	C (mm)	Pack Size (mtr)
CHF06	With Flange	6	9.0	20.5	100
CHF11	With Flange	11	15.5	26.0	100
CHF15	With Flange	15	21.2	32.0	100
CHF20	With Flange	20	28.3	37.0	100
CHF25	With Flange	25	36.1	46.0	50
CHF30	With Flange	30	42.4	53.0	50
CH11	Plain	11	15.5	-	100
CH15	Plain	15	21.2	-	100
CH20	Plain	20	28.3	-	100
CH25	Plain	25	35.4	-	100
CH30	Plain	30	42.4	-	50

Chamfer profiles are made of impact resistant plastic and used for forming chamfer edges to columns and beams. The flanged profile is for nailing to the head of the formwork.



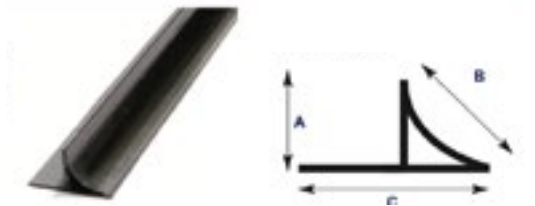
All sizes are 2.5mtr long.
Wooden Chamfer available on request.

Chamfer Edge Profiles Rounded

Product Code	Description	A (mm)	B (mm)	C (mm)	Pack Size (mtr)
CHFR20	With Flange	20	30	41	100

All sizes are 2.5mtr long.

This chamfer is designed to leave a rounded corner on the concrete.



Plastic Shims-Plain

Product Code	Thickness (mm)	Dimensions (mm)	Pack Size
PSPK2	2	70x70	250/1000
PSPK3	3	70x70	250/1000
PSPK5	5	70x70	125/500
PSPK7	7	70x70	125/500
PSPK9	9	70x70	125/250
PSPK10	10	70x70	125/250
PSPK15	15	70x70	50
PSPK20	20	70x70	50



Sizes 9mm and above are waffled on one side.

Designed for packing during the erection of precast concrete units.

Plastic Shims-Plain-Heavy Duty

Product Code	Thickness (mm)	Dimensions (mm)	Pack Size
PSP2	2	70x70	250/1000
PSP3	3	70x70	250/1000
PSP5	5	70x70	125/500
PSP7	7	70x70	125/500
PSP9	9	70x70	125/500
PSPS10	10	70x70	125/500
PSPS15	15	70x70	50
PSPS20	20	70x70	50

Designed for packing during the erection of precast concrete units.



Reel Easy Wire Dispenser

Product Code	Description	Tie Wire Gauge	Case Dia. (mm)	Weight (kg)
RED	Reel Dispenser	N/A	160	0.35
REC	Black Wire	17	N/A	1.6
TW186SS	Stainless Steel Wire	18	N/A	1.6



Double Loop Ties

Product Code	Length (mm)	Pack Size
WT100	100	1000/5000
WT125	125	1000/5000
WT150	150	1000/5000
WT200	200	1000/5000
WT250	250	1000/5000
WT300	300	1000/5000

Also available in stainless steel.

Tying Tool

Product Code	Description	Pack Size
WTT	Tying Tool	25



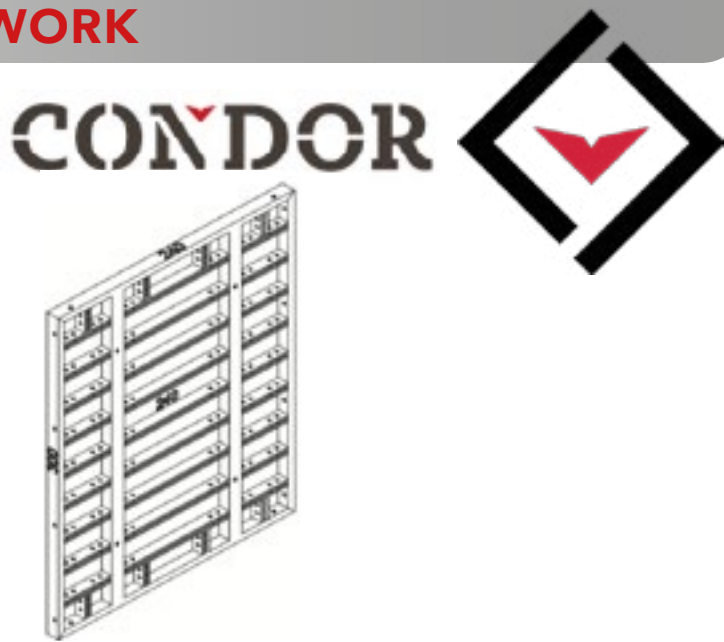
Rapid Resin Anchor EA

Product Code	Colour	Size (ml)	Pack Size (no)	Pallet Size (no)
RAEA	Light Grey	300	12	600

Larsen Rapid Anchor EA is a styrene free, epoxy acrylate, rapid setting chemical anchor for solid and hollow substrates. Designed for heavy load carrying applications in solid stone or concrete and medium load applications in hollow bricks. Ideal for anchoring fixings, rebar and threaded collars or for repairing broken concrete. Also suitable as a bonding agent for concrete, timber and metals.



COMAX WALL FORMWORK



PANEL SIZE

Standard Panels	
Width (cm):	240/120/100/75/72/60/50/40/30/20
Height (cm):	330*/300/270*/150/75

Universal Column/Panels

Width (cm):	120/90
Height (cm):	300/150/75

PROFILE

Height =	120mm
Thickness =	60mm
Weight =	5.39Kg/m

STEEL TYPE

External steel profile	S 355-MC (high yield strength steel for cold forming according to EN10149-92).
Internal steel profiles	S 235-JR

TIE RODS

DW15 and DW20 - n.2 tie rods.

SERVICE BRACKETS

Brackets cm 75
Working load 150Kg/sq.m. for centre distance 1.50m

LIFTING HOOK

Cod. 1157 Maximum load capacity 1500 Kg

MAXIMUM CASTING PRESSURE: 80KN/M²

Fresh concrete casting pressure according to DIN 18218 complying with the flatness tolerances according to DIN 18202 (table 3 line 7).

PLYWOOD

Thickness =	18mm – 12,6 Kg/sq.m.
Multilayer Finnish panel with a 220/220 g/sq.m. phenolic coating.	

LOGLIFE PLYWOOD

Thickness =	18mm – 15,0 Kg/sq.m.
Birch plywood panel with woodplastic composite (polyolefin) coating.	

Connection Clamps (Vertical/Horizontal)

Code	Size cm
19030	Fixed Clamp
19080	Adjustable Clamp (max 7cm)
19061	Adjustable Clamp (max 20cm)





COMAX Stock Sizes

Code	Size m	Weight Kg
10700S	3.3x2.4m	402kg
10702S	3.3x1.2m	216kg
10703S90	3.3x0.9m	150kg
10704S72	3.3x0.72m	115kg
10705S	3.3x0.6m	108kg
10708S	3.3x0.3m	72kg
10709S	3.3x0.2m	60kg
10740S	3.3x0.9m Column panel	185kg
10750S	3.3x0.3x0.3m inside corner	90kg
10745S	3.3x1.2m Column panel	214kg
10755S	3.3x0.3x0.3m hinged corner	102kg
10700S	2.7x2.4m	343kg
10702S	2.7x1.2m	161kg
10703S90	2.7x0.9m	130kg
10704S72	2.7x0.72m	105kg
10705S	2.7x0.6m	93kg
10708S	2.7x0.3m	62kg
10709S	2.7x0.2m	53kg
10740S	2.7x0.9m Column panel	130kg
10750S	2.7x0.3x0.3m inside corner	77kg
10745S	2.7x1.2m Column panel	183kg
10755S	2.7x0.3x0.3m hinged corner	80kg



// MIDLAND FORMWORK



19080 BFD Alignment Clamp



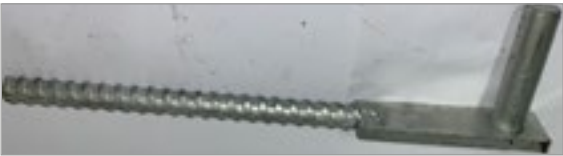
19030 Fixed Clamp



19061 Compensation Clamp



19004 Stop End Hook Tie Rod DW15



10051 Waler Anchor DW15 E300



11092 Foundation Bracket



11093 Box Iron Stop End



19044 Connection Bracket
19043 Scaffolding Bracket



19055 Waler 900mm
Waler 1500mm



11571 Lifting Hook



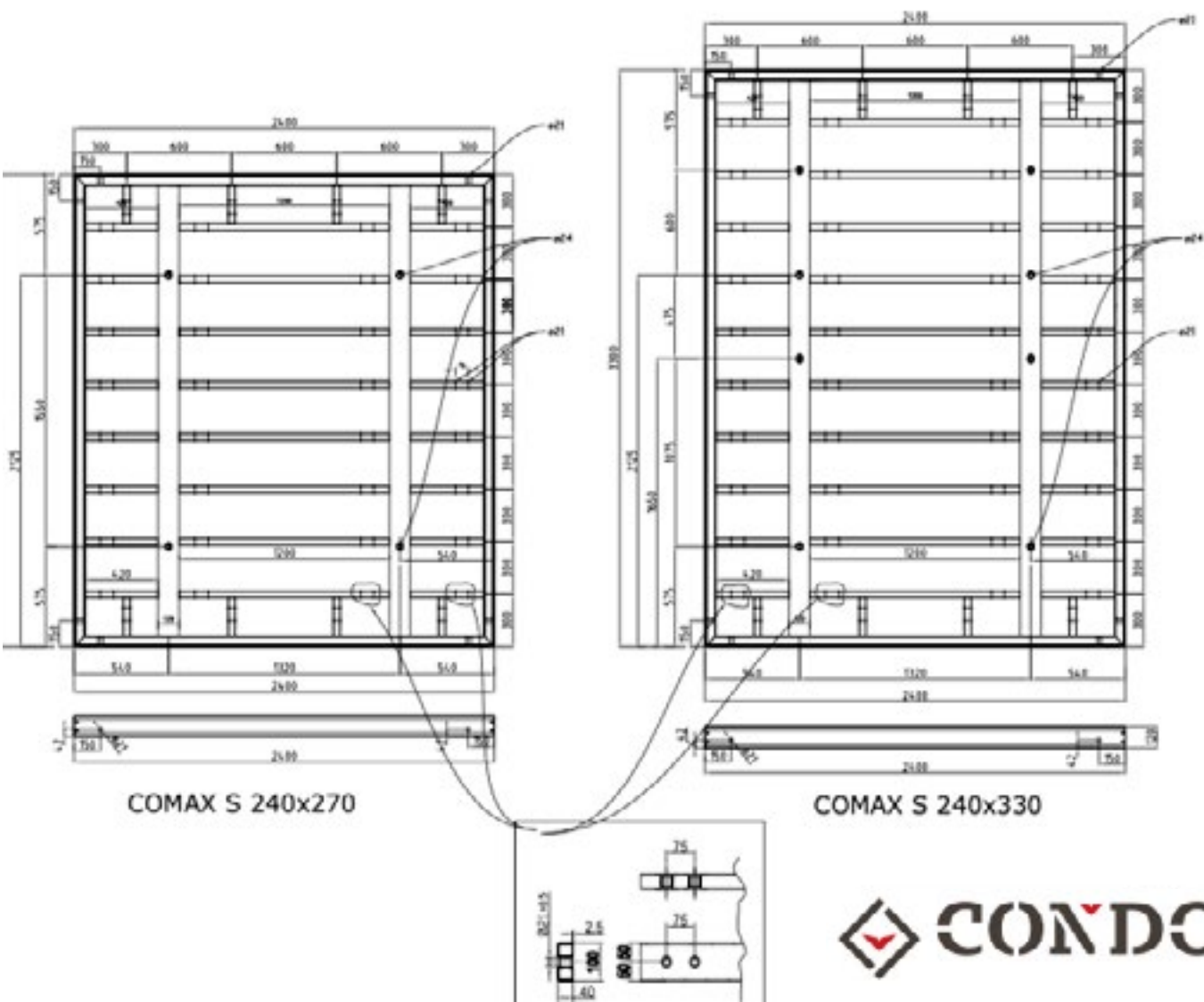
11090 Lifting chains



15055 Push Pull Props

// MIDLAND FORMWORK

COMAX DIMENSIONS



ICARO WALL FORMWORK



PANEL SIZES

Standard sizes 60 KN/m2	
Width (cm):	90/75/60/45/30
Height (cm):	300/270/150/120

Universal Column/panels 75KN/m2	
Width (cm):	120/90
Height (cm):	300/150/75

Plywood	
15mm 220g/m2 Birch plywood	
15mm Long life plywood with polyolefin coating	

Profile thickness	
Height =	91.6mm
Thickness =	20.5mm
Weight =	3.63kg/m
Material EN 10025/S235 JR	

Connection clamps	
12870	Fixed clamp
12871	Compensation clamp
12880	Lifting hook

ECO SLAB FORMWORK



CONDOR

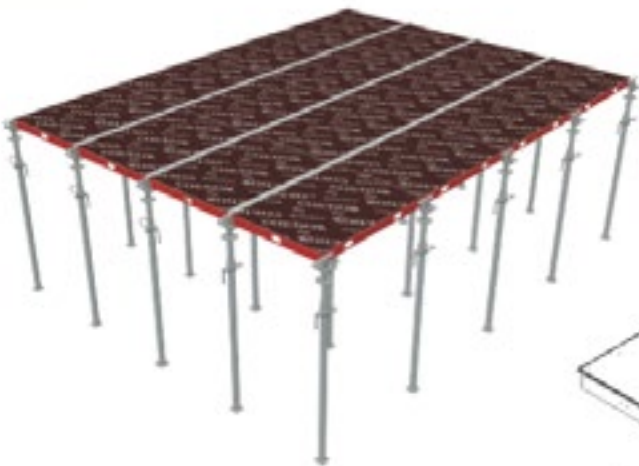


System Components

- 1. SH20 Beam
- 2. TDA Drop Head
- 3. CEP Props

CONDOR

ALUPLUS SLAB FORMWORK



Panels Size

- 1125 x 375mm
- 1125 x 750mm
- 1125 x 1500mm

System Components

- 1. Aluplus panel
- 2. Aluplus drop-head
- 3. Compensation

// MIDLAND FORMWORK

SH20 WOODEN BEAMS



Standard spruce formwork beams with Double-T solid-web section. Chords are connected to the web with finger jointing and glued together with melamine resin in compliance with EN 301 standard. The external surface is treated with water-resistant colour stain and chords' extremity are protected from possible splintering with a plastic protective cap.

The characteristics of the system are:

- Handy, light and strong
- Crushproof
- Durable
- All lengths available (possibility to cut to measure)
- Frost and shock resistant
- Class B2 fire-resistant

Mechanical properties as provided by EN-13377 standard:

- 5kNm maximum permissible moment
- 11kN permissible shear load
- 480 kN/m2 stiffness (EI module)



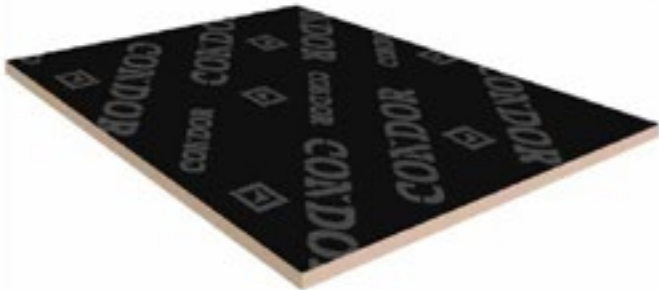
PRODUCT CODE	DIM (cm)	WEIGHT (kg)
SH20 WOODEN BEAMS		
20039	145cm	7.3
20048	190cm	9.5
20050	215cm	10.8
20040	245cm	12.3
20049	265m	13.3
20041	290cm	14.5
20042	330cm	16.5
20043	360cm	18
20044	390cm	19.5
20045	450cm	22.5
20046	490cm	24.5
20047	590cm	29.5

PLYWOOD WITH PHENOLIC COVERING

100% birch plywood panel composed of thincross-bonded veneers glued together (according to EN 314-2/class 3, for external use), external surface are treated with a water-proof and wear-resistant phenolic resin film (220g/sqm for each face)

The characteristics of the system are:

- Fair-faced concrete finishing
- Perfect sealing of junctions
- High number of re0uses: average values included between 20-80 (values are purely indicative and strongly depend on conditions of use and treatment)

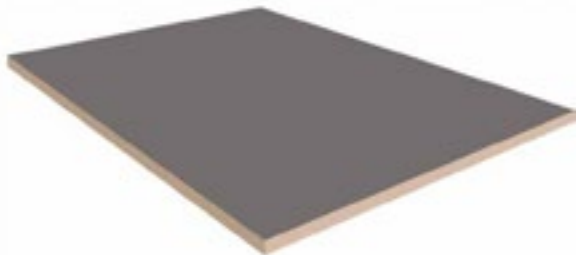


PLYWOOD WITH PLASTIC COVERING

100% birch plywood panel with woodplastic composite coating. The polyolefin coating allows the improvement of the traditional plywood panel with phenolic film.

The characteristics of the system are:

- High quality of concrete finishing even after multiple uses
- High resistance to scraping and UV rays, higher durability
- Significant reduction of water absorption
- High resistance to corrosive chemical agents, such as concrete alkali that attack the plywood during the concrete casting
- Easy and fast cleaning after casting
- Fully recyclable



// MIDLAND FORMWORK

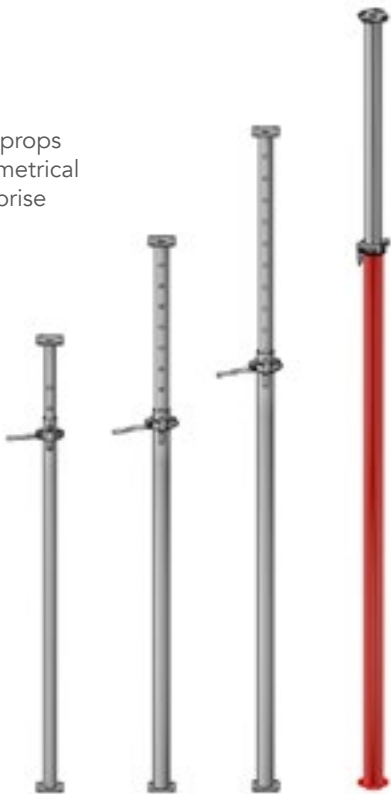
PROPS



The standard UNI EN1065 requires a classification of props according to their capacity and provides specific geometrical and mechanical prescriptions for each parts that comprise the element.

The same standard introduces a series of prescriptions that certify the quality of adjustable telescopic steel props with covered or exposed thread, designed for use in the construction site.

For this purpose, the standard identifies specific materials, project requirements, protection alternatives against corrosion and check methods employing both structural calculations and experimental tests.



PRODUCT CODE	DIM (cm)	WEIGHT (kg)
--------------	----------	-------------

ECON PROP		
40101	300cm	15.9
40131	300cm	14.3
40102	350cm	17.2
40133	350cm	16.1
CEP10 PROP		
40006	350cm	16
40073	350cm	15.2
40007	400cm	18.5
40074	400cm	17.6
CEP20 PROP		
40034	300cm	16.5
40061	300cm	15
40035	350cm	20
40062	350cm	19
40036	400cm	23.3
40063	400cm	22.1
40037	450cm	28.7
40064	450cm	27.3
40038	500cm	32
40065	500cm	30
CEP30 PROP		
40025	300cm	18.6
40058	300cm	17.7
40026	350cm	21.8
40059	350cm	20.7
40027	400cm	31
40060	400cm	29.4
D55 PROP		
40051		36
40053		33
ALUCP PROP		
47001		16
47002		19
47003		24.2
47004		29.9

ECON

ECON prop is easy to handle and it has a minimum capacity of 20kN.

Available in two sizes (ECON300; ECON 350) it allows you to work on different heights from 1.80m to 3.50m.

Available in hot dip galvanised, electro-galvanised and painted version.



- A. Head plate
- B. Inner tube
- C. Fastening pin
- D. Adjusting nut with handle
- E. Outer tube
- F. Base plate

	ECON 300	ECON 350
L min (m)	1.80	2.00
L max (m)	3.00	3.50
H (m)	LOAD CAPACITY	
	(kN)	(kN)
1.80	35.0	34.0
1.90		
2.00		
2.10		
2.20	34.0	32.6
2.30		
2.40		
2.50		
2.60	26.6	30.2
2.70	24.7	27.9
2.80	23.0	25.8
2.90	21.4	24.2
3.00	20.0	22.5
3.10		21.2
3.20		20.5
3.30		20.0
3.40		
3.50		

Technical Data

Thread	
External tube diameter (mm)	60
Internal tube diameter (mm)	48
Head/base plates (mm)	120x120x6
Pin diameter (mm)	15

MIDLAND FORMWORK

CEP20



The CEP20 prop is easy to handle and light with a 20 kN minimum capacity.

There are five types of props (CEP@)-300; CEP20-350; CEP20-400; CEP20-450; CEP20-500) suitable to cover heights from 1.80m to 5.00m.

Available in hot-dip galvanised, electro-galvanised and painted version.

	CEP 20-300	CEP 20-350	CEP 20-400	CEP 20-450	CEP 20-500
Lmin [m]	1.80	2.00	2.30	2.50	3.00
Lmax [m]	3.00	3.50	4.00	4.50	5.00
H [m]	LOAD CAPACITY				
	[kN]	[kN]	[kN]	[kN]	[kN]
1.80	36.0	35.0	35.0	35.0	35.0
1.90					
2.00					
2.10					
2.20	35.0	35.0	35.0	35.0	35.0
2.30					
2.40					
2.50					
2.60	32.0	32.0	32.0	32.0	32.0
2.70					
2.80					
2.90					
3.00	30.0	30.0	30.0	30.0	30.0
3.10					
3.20					
3.30					
3.40	28.0	28.0	28.0	28.0	28.0
3.50					
3.60					
3.70					
3.80	26.0	26.0	26.0	26.0	26.0
3.90					
4.00					
4.10					
4.20	24.0	24.0	24.0	24.0	24.0
4.30					
4.40					
4.50					
4.60	22.0	22.0	22.0	22.0	22.0
4.70					
4.80					
4.90					
5.00	20.0	20.0	20.0	20.0	20.0

Technical Data

Thread	External
External tube diameter (mm)	76
Internal tube diameter (mm)	63.5
Head/base plates (mm)	120x120x8
Pin diameter (mm)	16



- A. Head plate
- B. Inner tube
- C. Fastening pin
- D. Adjusting nut with handle
- E. Outer tube
- F. Base plate

CEP30

The CEP30 prop is easy to handle and light with a 30kN maximum capacity.

There are three types of props (CEP30-300; CEP 30-350; CEP 30-400) suitable to cover heights from 1.80m to 4.00m.

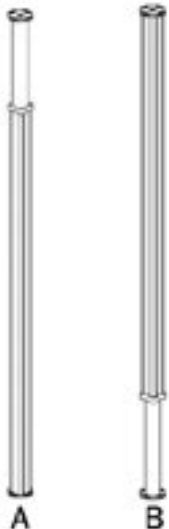
Available in hot-dip galvanised, electro-galvanised and painted version.

Technical Data

Thread	External
External tube diameter (mm)	76
Internal tube diameter (mm)	63.5
Head/base plates (mm)	120x120x8
Pin diameter (mm)	16

	CEP 30-300	CEP 30-350	CEP 30-400
Lmin [m]	1.80	2.00	2.40
Lmax [m]	3.00	3.50	4.00
H [m]	LOAD CAPACITY		
	[kN]	[kN]	[kN]
1.80	40.0	40.0	40.0
1.90			
2.00			
2.10			
2.20	38.0	38.0	38.0
2.30			
2.40			
2.50			
2.60	36.0	36.0	36.0
2.70			
2.80			
2.90			
3.00	34.0	34.0	34.0
3.10			
3.20			
3.30			
3.40	32.0	32.0	32.0
3.50			
3.60			
3.70			
3.80	30.0	30.0	30.0
3.90			
4.00			

	ALUCP 360	ALUCP 360	ALUCP 480	ALUCP 600
Lmin [m]	1.80	2.40	3.40	4.40
Lmax [m]	2.40	3.50	4.80	6.00
H [m]	LOAD CAPACITY			
	[kN]	[kN]	[kN]	[kN]
1.80	90.0	90.0	90.0	90.0
1.90				
2.00				
2.10				
2.20	82.8	82.8	82.8	82.8
2.30				
2.40				
2.50				
2.60	75.6	75.6	75.6	75.6
2.70				
2.80				
2.90				
3.00	68.4	68.4	68.4	68.4
3.10				
3.20				
3.30				
3.40	61.2	61.2	61.2	61.2
3.50				
3.60				
3.70				
3.80	54.0	54.0	54.0	54.0
3.90				
4.00				

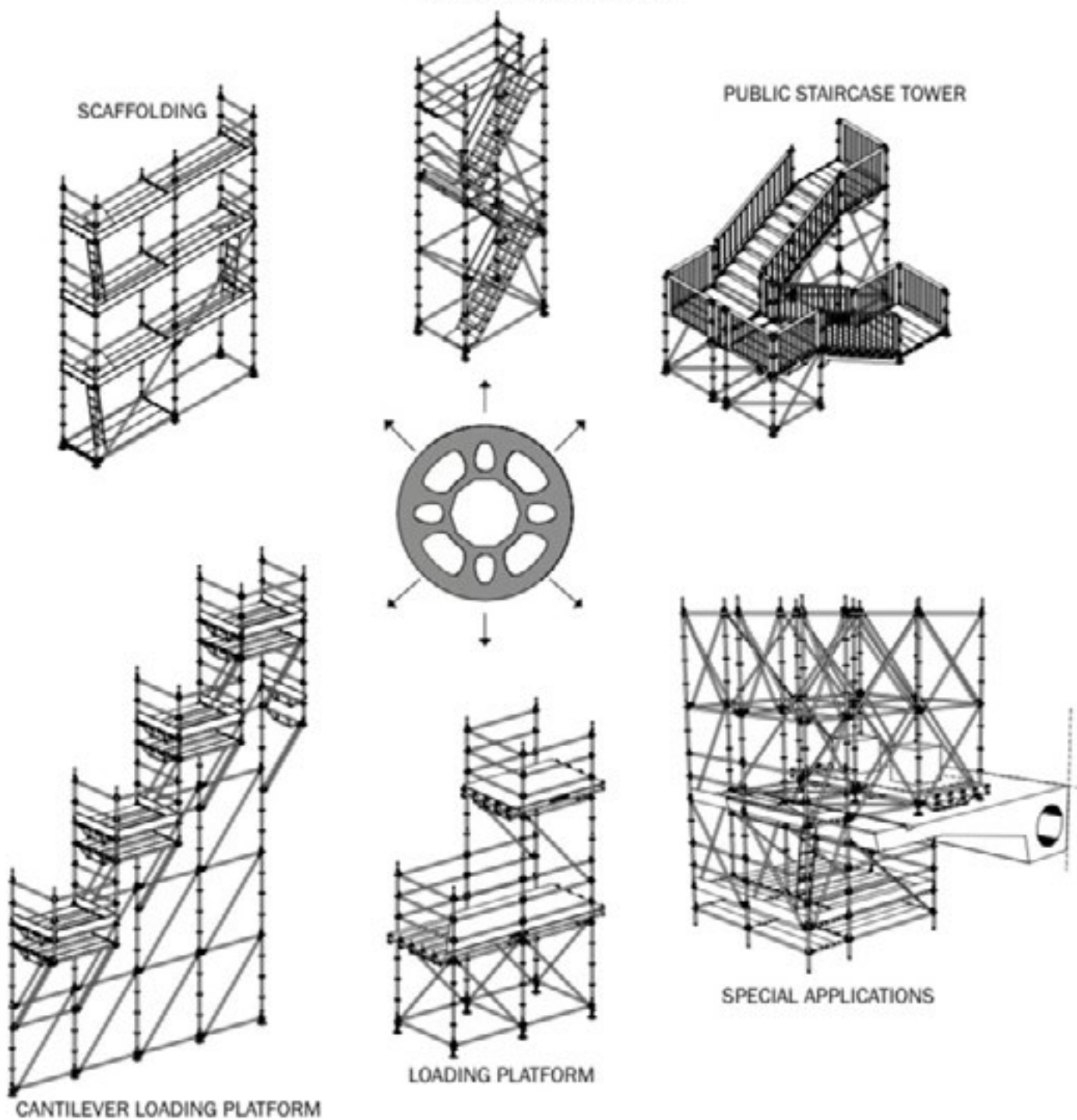


MIDLAND FORMWORK

SCAFFOLDING



Thanks to the versatility of the rapid coupling node, the MULTICOM system enables the design of complex structures, in order to meet all needs of a construction site.



PREFABRICATED REINFORCEMENT



Prefabricated Grant spec steel

- Slatted tanks to various sizes & specification lengths up to 9m
- Silage Walls to various sizes & specifications lengths up to 9m



Prefabricated Steel 6m sections used for slatted tanks, silage walls, retaining walls etc

Double & single row steel available

Available wall heights

18090	1.2m
18091	1.8m
18092	2.4m
18093	2.7m
18094	3m
18095	3.3m



Folded sheets of mesh to various shapes and sizes

18096	A393
18097	A252
18098	A142



- FORMWORK & SCAFFOLDING • FORMWORK ACCESSORIES •
- REINFORCEMENT & ACCESSORIES •
- GROUNDWORK & FLOOR SLAB ACCESSORIES •



// MIDLAND FORMWORK

Clonsast, Bracknagh, Rathangan, Co. Kildare. R51 CK33

Tel: 057 862 9893 / 087 261 6804 | Email: midlandfw@gmail.com | Web: Midlandformwork.ie