

The Complete Sheet Pile Capping Solution



Safer / Faster / Greener / Sustainable
'One system, endless possibilities'

www.sheetpilecappingsystem.co.uk

Fast-Form™ the benefits

ECONOMY: Faster than traditional timber forms or other systems.

NO CRANES OR MACHINES NEEDED & NO LIFT PLANS! Save Thousands on Plant Hire.

British designed and manufactured by a British company, BUY BRITISH get QUALITY!

Need handrails or access platforms? they are easily attached and as they are part of our formwork system you don't need a scaffolder to erect them which is an additional cost saving.

Our system will save you days or weeks on your program and thousands of pounds in plant hire. Timber can be completely eliminated with the use of our plastic ply options.

SAFETY: When timber forms are used, where are the structural calculations? How does the risk assessment cover there being no handrail or access? The simple answer is timber does not offer these and in real terms it is an unsafe method of working in most applications.

Fast-Form™ helps you meet manual handling regulations as our brackets weigh from just 4kg. Fast-Form™ handrail & access systems conform to the HSE working at height regulations.

ENVIRONMENTAL: There is generally a lot of timber wastage with timber shutters and props. Fast-Form™ can not only reduce timber usage, but with new plastic ply systems it can totally eliminate timber usage with fully recyclable materials that are much stronger and safer than timber products.

Fast-Form™ is lightweight with no mechanical lifting required, reduced transportation costs and your Carbon Footprint is also dramatically reduced.

KEY BENEFITS:

- **SAFETY:** Access, handrails & toe boards, no crane required in most applications. lightweight system that can be fitted by hand
- **SPEED:** No make up, no de-nailing, lightweight and easy to use system much faster than other methods
- **COST:** Less expensive than any other system or timber with reduced labour and plant costs
- **ENVIRONMENTAL:** Little or no wastage and 100% fully recyclable materials, greatly reduced Carbon emissions from not only our system but also reduced emissions from deliveries
- **BETTER FINISH:** Fair face finishes are easily achieved, we offer the best finish on the market with an F4 finish achievable on all face of our beams
- **BESPOKE FORMWORK:** As a designer and manufacturer we can provide a solution for almost anything and specialise in bespoke design and manufacture.

For in-depth information on all our systems please visit our other websites:

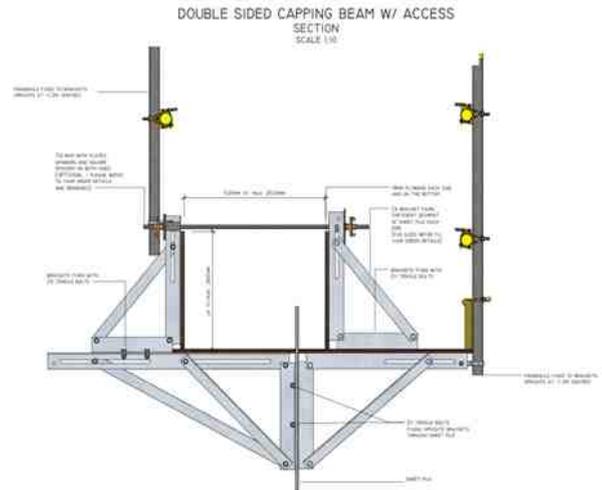
www.sheetpilecappingsystem.co.uk (Sheet Pile Capping)

www.fastformsystems.com (All Formwork products)

www.roadforms.com (Road Forms & accessories)

www.formwork-sales.com (Formwork accessories & sales)

Fast-Form Sheet Pile Capping System



Fast-Form is the perfect solution for all types of sheet pile capping beam. The only complete solution for sheet pile capping beams in the World. Straight, curved or radius, level or sloping, one or two sided Fast-Form is the only system worldwide that can cope with everything from one system, even including the landside formwork.

We can design beams to any size or type and also offer a bespoke service so no matter how complex your beam, we can offer a solution to suit your needs and your budget, from standard capping beams to ring beams, coffer dams and simple working platforms, we have the solution for your needs.

Fast-Form has been previously used for the Environment Agency works at Littlehampton Flood Defences (850m of beam), Abbeywharf (on the Thames London) and also on the London Cross Rail Project at Abbeywood to name just a few projects completed.

Free design service, full calculations & 3D temporary works drawings included.

Unlike alternative methods Fast-Form not only forms the soffit of the sheet pile capping beam but also the formwork to both sides with all supports saving time and labour costs.

This means it is a complete solution for pouring sheet pile capping beams and there is no need to make and try to fix additional formwork. A complete working platform and handrails can also be included for a safe solution that keeps your workers safe and offers a safe and stable platform to work off, ideal for fixing rebar and pouring concrete.

From small sheet pile capping beams to very large or complex beams, we can offer a safe and cost effective solution.

Fast-Form is flexible enough to cope with all types and sizes of capping beams, the system can be fitted to the pile with bolts or with stud welding, we have several fixing and bolt options available.

Unlike other systems Fast-Form can work on any angle of pile, radius piles, different levels and sizes.

Are you a sheet piling contractor / plant hire or builders merchant? why not become a Fast Form dealer, no outlay involved please email info@fastformsystems.com for details.

Fast-Form provides full edge protection and a full working access platform.

Fast Form also offer the best finish of any system with F4 finishes available on all sides and soffit.

Fast-Form needs no crane or mechanical lifting and in a lot of cases can be fitted from one side or from a cherry picker.

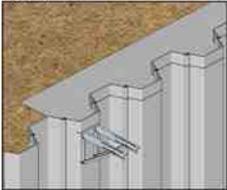
We will design your system for you and deliver everything to your site, our system is lightweight meaning transportation costs are greatly reduced.

Fast-Form is the only system on the market that forms the whole of the sheet pile capping beam and offers a complete solution to your needs. Why just rent a soffit system when you can have a complete solution that is **quicker, more efficient & less expensive.**



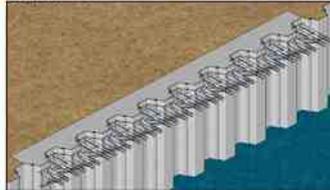
BRACKET SYSTEM - SINGLE SIDED CAPPING BEAM QUICK INSTALLATION GUIDE

STEP 1



DRILL A HOLE AND FIX FIRST SOFFIT BRACKETS TO SHEET PILE [SEE FIXING DETAIL 1]

STEP 2



REPEAT THE PROCESS UNTIL ALL SOFFIT BRACKETS ARE FIXED.

STEP 3



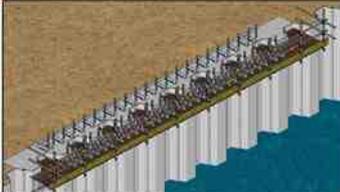
FIX PLYWOOD TO BRACKETS TO CONSTRUCT WORKING PLATFORM/SOFFIT FOLLOWED BY FIXING HANDRAIL.

STEP 4



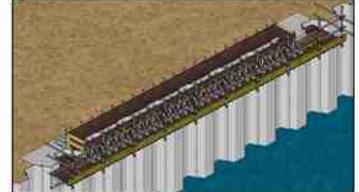
FIX FIRST SHUTTER BRACKETS ON TOP OF SOFFIT BRACKETS [SEE FIXING DETAIL 2] ALONG WITH ADJACENT SHUTTER BRACKETS LOCATED ON LANDSIDE.

STEP 5



REPEAT THE PROCESS UNTIL ALL SHUTTER BRACKETS ON BOTH SIDES ARE FIXED.

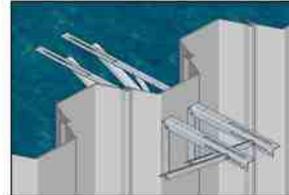
STEP 6



FIX PLYWOOD AND STOP-ENDS.

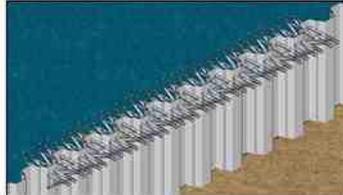
BRACKET SYSTEM - DOUBLE SIDED CAPPING BEAM QUICK INSTALLATION GUIDE

STEP 1



DRILL A HOLE AND FIX FIRST SOFFIT BRACKETS [SEE FIXING DETAIL 3].

STEP 2



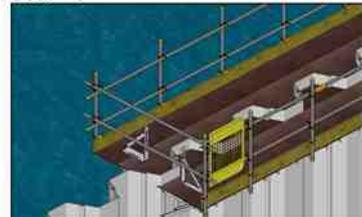
REPEAT THE PROCESS UNTIL ALL SOFFIT BRACKETS ARE FIXED.

STEP 3



FIX PLYWOOD TO BRACKETS TO CONSTRUCT WORKING PLATFORM/SOFFIT FOLLOWED BY FIXING HANDRAIL.

STEP 4



FIX FIRST SHUTTER BRACKETS ON TOP OF SOFFIT BRACKETS [SEE FIXING DETAIL 2].

STEP 5



REPEAT THE PROCESS UNTIL ALL SHUTTER BRACKETS ARE FIXED.

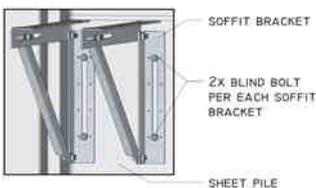
STEP 6



FIX PLYWOOD AND STOP-ENDS.

BRACKET FIXING DETAILS

DETAIL 1



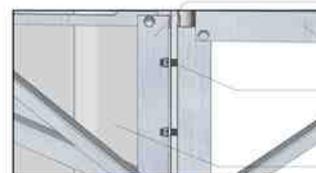
SOFFIT BRACKET
2x BLIND BOLT PER EACH SOFFIT BRACKET
SHEET PILE

DETAIL 2



SHUTTER BRACKET - SOFFIT SIDE
2x M16x65MM TENSILE BOLT JOINING SOFFIT WITH SHUTTERING BRACKET
SOFFIT BRACKET
SHEET PILE

DETAIL 3



SOFFIT BRACKET 1
SOFFIT BRACKET 2
2x M16x65MM TENSILE BOLT JOINING SOFFIT BRACKET 1 & 2
SHEET PILE

PLEASE NOTE THIS GUIDE IS NOT TO BE USED FOR CONSTRUCTION
ALWAYS ASK FOR A DETAILED, CERTIFIED CONSTRUCTION DRAWING BEFORE ASSEMBLING YOUR SYSTEM

Please just call or visit our sales website:
www.sheetpilecapping.co.uk

Double sided beam (Soffit on both sides) typical plan view drawing

DOUBLE SIDED CAPPING BEAM W/ ACCESS
OVERVIEW
SCALE 1:30

IMPORTANT NOTES:
PLEASE MAKE SURE THAT EACH UPPER BRACKET IS POSITIONED EXACTLY OVER THE SUPPORT BRACKET AND FIXED THROUGH PLYWOOD WITH TENON BOLTS!
THE BOTTOM SHUTTER PLYWOOD HAS TO BE CUT OUT WITH A JIGSAW, USING 4 TEMPLATE TO FORM THE SHAPE OF THE RECESSES OF THE SHEET PILING. USE SILICONE SEALANT TO PREVENT ANY LEAKAGE OUT.
ALL DIMENSIONS SHOWN TO BE PROVIDED BY CLIENT.

IMPORTANT:
CUSTOMER IS TO ENSURE THAT DURING PILING OPERATIONS CONCRETE IS PLACED IN AN EVEN MANNER PREVENTING THE IMBALANCE OF ANY FORCE. CONCRETE PLACEMENT IS TO BE CONTROLLED TO AVOID AVOIDANCE FORCES FROM WEAVING, SLURGE AND IMPACT.

IMPORTANT:
CONSULT YOUR TEMPORARY WORKS DEPARTMENT BEFORE USING THIS DESIGN FOR CONSTRUCTION.

IMPORTANT:
ALL FIXINGS MUST BE INSTALLED ACCORDING TO THE FIXINGS TECHNICAL APPROVAL E.T.A. - 1100098 AND INSTALLATION RULES.

	www.fastformsystems.com info@fastformsystems.com Tel South: 00 44 (0) 1472 507 1832 / 507 1833 / 507 1834 Tel North: 00 44 (0) 1472 488230 / 488660 / 488643		Head Office: Unit 1 Omega Business Park Estate Road 6 Grimsby N.E.Lincs DN31 2TG	<p>LEGAL NOTICE: Fast Form™ is the Trade Mark of Fast Form Systems Ltd and all copyright and intellectual property belong to the company. Fast Form™ is Patent granted. Patent number GB2505053 and is covered by a Worldwide Patent PCT/GB01/402056 and further patent application No 1506126.5. Copyright or Trade Mark infringements will be prosecuted. If you use any similar trademark in operation without our name on it please send us an email to info@fastformsystems.com. we offer a reward for all successful prosecutions.</p>	<p>Drawn By: Karol Podsiadlo Date: 04/06/15 Rev: A</p> <p>Designed by: Tony White Drawing no: FFS-CBDS2</p> <p>Project: Double Sided Capping Beam Drawing title: Overview</p>
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Single sided beam (Soffit one side land other) typical plan view drawing

ONE SIDED CAPPING BEAM W/ ACCESS
OVERVIEW
SCALE 1:30

IMPORTANT NOTES:
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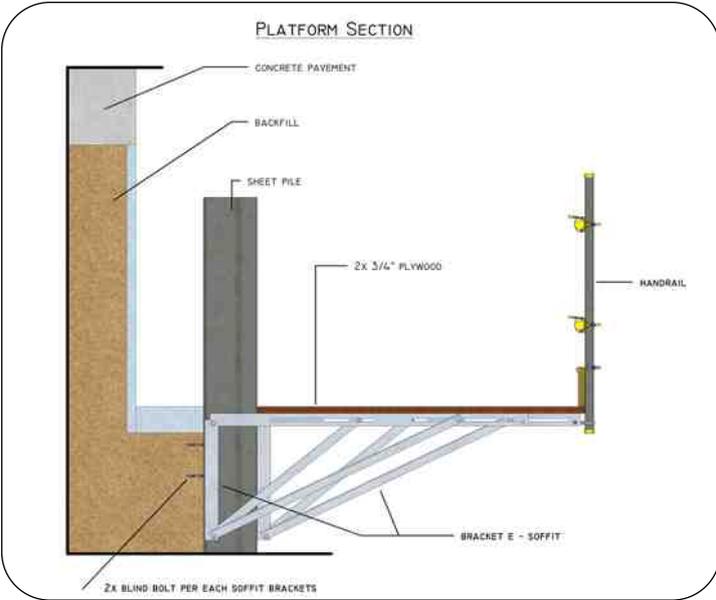
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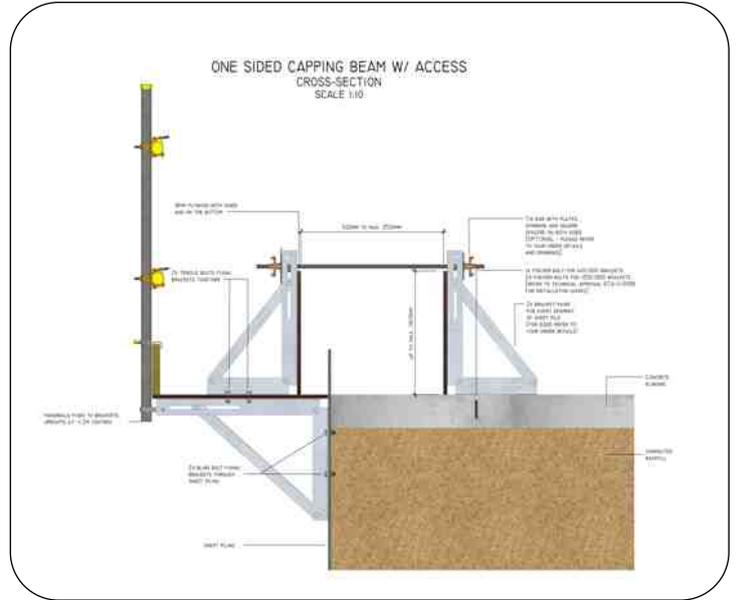
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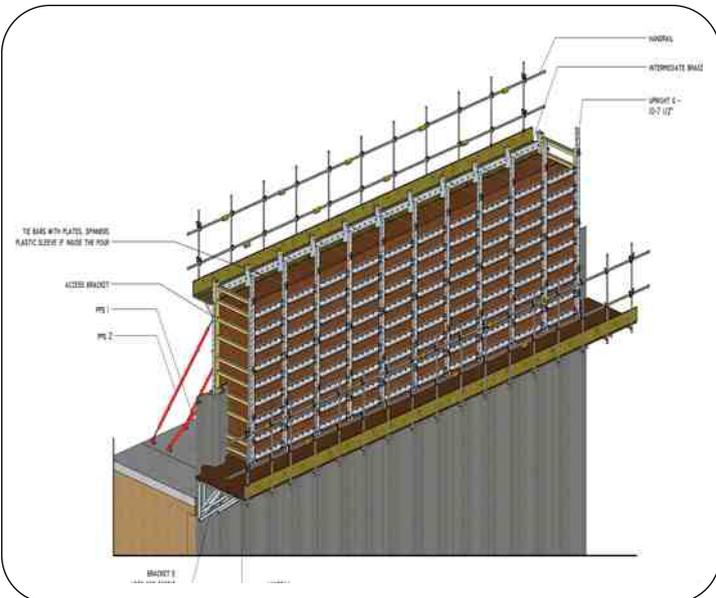
Used as an Access Platform, can be used on almost any structure



Typical single sided capping beam with landside form and access

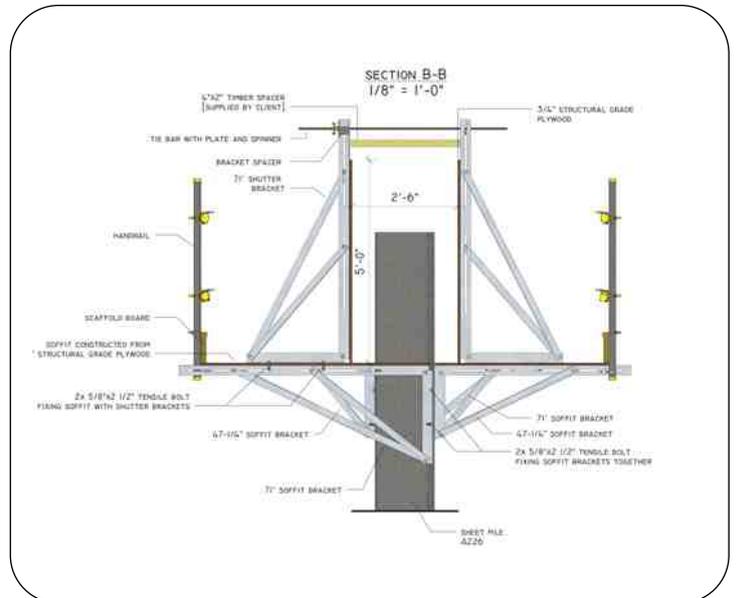


Large wall with access / platform and landside forms

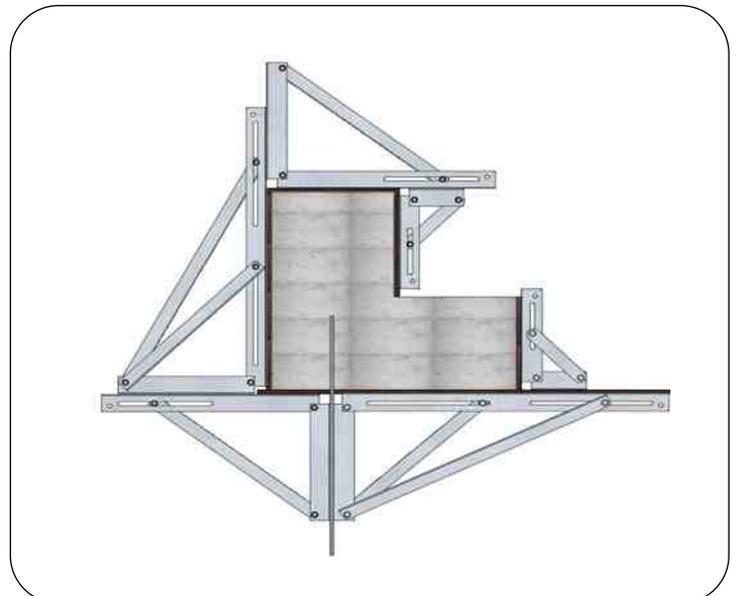
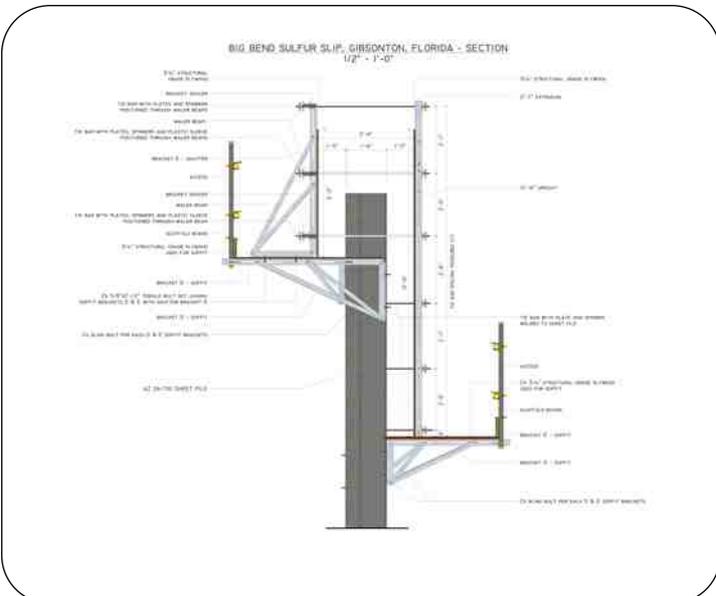


Large beam 3m on one side with access platforms both sides

Typical double sided capping beam 1200mm (5') high



Example of a complex beam cast in one pour



We work Worldwide all of our drawings and all structural calculations are available in Metric and Imperial measurements

Littlehampton 1.8m high capping beam for flood defence



Abbeywharf London flood defence on River Thames



Small capping beam to Railway embankment



Capping beam with land side (single sided)



Cross rail capping beam (3m drop on other side)



Capping beam with angles and mix of land and river sides



A small range of our capping beams in use, what ever your type or size of beam we can design a solution for you and deliver it anywhere !

Delivery throughout the UK, Europe & Worldwide

We have designed & invested in specialist pallets for our products and smaller deliveries can be sent by a National & International palletised delivery network, we also run our own fleet of vehicles in the UK, for Europe & Worldwide sales please see our websites or contact your local dealer or distributor or just email us at info@fastformsystems.com

- We are committed to keeping down the delivery costs and environmental impact of our deliveries, yet can still offer Next Day deliveries in the UK with a guaranteed timed delivery (dependant on stock)
- We have a fleet of fuel efficient vehicles for some of our deliveries including our Mercedes Benz Bluetec trucks & flatbeds all low emmision vehicles including 3.5t / 7.5t & 26 tonne capacity.
- We are able to offer low cost delivery as our system is lighter than all the competition and so our delivery costs, emmissions and Carbon footprint are LOWER.
- Our 26 tonne fleet also carry their own optional forklifts (as shown below)

