

www.fastformsystems.com info@fastformsystems.com South Tel: 00 44 (0) 207 1481274 North Tel: 00 44 (0) 8456 141152

### Fast-Form The Complete Formwork system





### Safer / Faster / Greener / Cheaper

### 'One system, endless possibilities'













### **Fast-Form** <sup>™</sup> the benefits:



**ECONOMY:** Faster than traditional timber shutters or panel systems.

With no make-up, just bolt down a Fast-Form <sup>™</sup> bracket with a single self-tapping bolt, plumb it up and screw on your ply or with our wall system just lift our lightweight panels into place and prop.

Timber can be completely eliminated with the use of our plastic ply options.

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.

**SAFETY:** When timber shutters / props 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 <sup>™</sup> helps you meet manual handling regulations as our brackets weigh from just 4kg. Fast-Form <sup>™</sup> handrail & access systems conform to the HSE working at height regulations, any height that you can trip or fall from comes under these regulations.

Do you have an excellent safety record that you want to keep? Then specify Fast-Form ™.

**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 <sup>™</sup> 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 lifted by hand
- **SPEED**: No make up, no de-nailing, lightweight and easy to use system much faster than traditional methods
- **COST:** Less expensive than panel systems & timber with reduced labour and plant costs, no waste skips required and no material waste
- **ENVIROMENTAL:** Little or no timber wastage and 100% fully recyclable materials, greatly reduced Carbon emmisions from not only our system but also reduced emmisions from deliveries
- NO KICKERS NEEDED FOR WALLS & FEWER TIE BARS: meaning less materials, less work, less holes and less concrete finishing, ideal for bunds, or water retaining structures & fair face finishes
- **BESPOKE FORMWORK:** As a designer and manufacturer we can provide a solution for almost anything, please see our Bespoke page for more details.

## **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 shutter.

Standard beam sizes up to 2.5m wide, but we also offer a bespoke services so no matter how complex your beam, we can manufacture a solution to suit.

Fast-Form has been recently used for the Environment Agency works at Littlehampton Flood Defences, as well as Abbeywharf (on the Thames London) including on the London Cross Rail Project at Abbeywood, London. See our website Gallery for more pictures.

Free design service, drawings, and calculations included., with a premium 3D drawings service also available.

Unlike alternative methods Fast-Form not only forms the soffit of the sheet pile capping beam but also the shutters both sides with all supports. 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 shutters. A complete working platform and handrails can also be fixed.

### We guarantee to beat any like for like quotation by 20% and offer a complete solution complete with temporary works drawings and structural calculations included.

From small sheet pile capping beams to very large sheet pile capping beams such as Littlehampton flood defence works where a 1.8m high beam was cast to raise the flood defence levels, Fast-Form is flexible enough to cope with all types and sizes of capping beams.

Unlike other systems Fast-Form can work on any angle of pile, radius piles & different levels and sizes. Fast-Form can provide edge protection including a full working access platform with a handrail system.

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, so is the overall carbon footprint of using the system.

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 and less expensive?





### **Fast-Form Wall System**



Fast-Form TM is the only large wall formwork system that can truly be erected by hand, with no part weighing more than 25kg. No craneage or machine costs for lifting!

We have also just launched our Aluminium version of this system, this comes in ready made panels of 1.22m x 1.94m / 1.22m x 2.44m and 1.22m x 3.24m which can be simply lifted into place manually and another panel fixed to them. This is especially good for repetitive use and gives the only truly manageable panel system. A 1.22 x 2.44 panel weighing around 35kg complete! 2 men can easily pick it up and move it meaning vastly reduced labour costs and as with the standard steel system they can be joined for larger pour heights.

This means we are the system of choice for many basements where a wall formwork system is required but where a crane or mechanical lifting can not be used ( Can be moved like a large panel formwork system if required).

The system also comes with optional full access and handrail system for safe working.

The system is especially suitable for basements under existing properties as you can fit all of our system through a small window and erect it underneath. This is the reason we are the market leader in basement formwork systems.

Another benefit is the sizes we offer, unlike panel systems all our uprights can be mixed and matched so if you have a sloping wall you can start with one size of upright mix and match, even mixing or wall with our bracket system.

Our uprights come in 1.9m / 2.4m & 3.2m BUT all can be joined so we can also supply 1.9m / 2.4m / 3.2m / 3.8m/ 4.3m / 4.8m / 5.1m / 5.6m & 6.4m. (Below 1.9m our Bracket system is used)

The system can also pour radius walls using the same components, simply omit the joining braces between uprights, generally faced with ply the system can also be faced with Alkus plastic ply for a truly GREEN solution...

The system can be erected and ply fitted after which means it is also very good when using water bars and need to make sure that the pour is very clean before you pour as you could fit the ply just before pouring, you can also erect say a 3.2m system and pour in 2 or 3 pours, only putting on ply when you need to, this is very useful for waterproof structures that have pour height restrictions.

#### Comes with drawings, fitting instructions and structural calculations included.

#### Main Benefits over Panel systems:

- Unlike an ordinary panel system the ply fits to the front of our system meaning there are hardly any joints at all, perfect for fair faced work
- Unique slot systems means tie bars will always match up
- Lighter than an ordinary panel system no component weighs more than 25kg and NO Crane required and with the lightweight Aluminium version starting at just 4kg per piece!
- More flexible on size than an ordinary panel system and you can also pour radius walls with the SAME system
- Unlike ordinary panel systems there are not hundreds on components to lose & be charged for!
- No Crane costs / Lower Transport costs / Lower Carbon Footprint / Lower labour costs / Less make up costs / Faster stripping, the list goes on
- GREENER / FASTER / SAFER / SUSTAINABLE

### **Fast-Form Bracket / Base System**





Fast-Form TM is the only formwork system that can truly be erected by hand, with no part weighing more than 20kg.

The system is the **fastest and easiest** way to shutter bases / slabs (inc soffits) / walls /pits as well as sheet pile capping beams and much more. See our website gallery or 3D aimations pages for more details.

Can be fixed down with Rawl bolts into concrete / Road Pins into earth or wood screws on to soffits and decks.

Just bolt down or pin with road pins, screw on ply from behind and pour, its so fast and easy to use with no make up of shutters, no transport or storage of unwanted shutters, just hire when you need them.

The system also comes with optional full access and handrail system for safe working (As shown above) ideal for soffits, they can also form the slab edge protection with the optional handrail system.

Our unique system is so flexible they can be bolted together to form complex shapes such as slabs with plinths (See below) or for sheet pile capping beams / soffits and much more.





Bracket sizes: 150mm high 200mm high 400mm high 600mm high 800mm high 1200mm high 1800mm high

# **BESPOKE / SPECIALIST SOLUTIONS**



Fast-Form TM design and manufacture all of our systems in the UK and as such we can create bespoke formwork & access applications, we have created bespoke solutions for the MOD, Royal Engineers / Balfour Beatty / Transport For London & Network Rail to name just a few.

For example the Elliptical staircase (above) used to cast 3 floors of stunning staircase in a £21 million refurbishment of an £80 million London Town House.

We are currently working on a bespoke rail system for Balfour Beatty Rail / Transport For London to create a lightweight / fast fix and easy strip formwork system for the London Underground where old sleepers are being replaced with a concrete slab and integrated drainage and access channel.

We were able to produce a design and a working prototype for Balfour Beatty Rail /TFL within a week. We can design any system to suit your needs and recently designed a climbing formwork wall system with radius panels for a client, which included full access platforms to cast 7 number 30m high, 30m radius gas storage tanks in Mauritius.

We offer a Plastic Ply bending service, Plastic Ply is curved to the radius of your job which means faster erection, greater accuracy but also a much better finish and greater re-use, which also means our radius formwork solutions are second to none.

Our system is so flexible it has been used on everything from propping masonary walls to casting plinths onto walls 20m in the air for J Coffeys's at Battersea PowerStation, walkways & safety access, decking and much more.

Whatever your needs Fast-Form can work with you to design a solution, we provide full in-house CAD Design in stunning 3D, temporary works drawings and structural calculations, we offer the complete service, all based on our Patented and award winning formwork solutions.

We can work with you on a consultancy basis to give a fully tailored solution, whatever your needs, just call, our team has many years of site experience in both formwork & construction with our MD and Commercial Director having over 60 years experience between them.

Fast-Form is used on many major projects whatever your needs from off the shelf basements, walls, slabs and capping beams and decking to bespoke designs and one off projects, we have the solution to suit all based on our lightweight and award winning formwork systems.

Structural calculations:



#### **Radius Plastic Ply:**



# SAMPLE DRAWINGS / ELIPTICAL STAIRCASE

Plan view of a recent Eliptical staircase system, we are able to design any type of formwork no matter how complex and all our systems can be erected by hand with no mechanical lifting.



We also offer a full 3D drawing service which showcases the system in superb detail:



# SAMPLE DRAWINGS / VARIOUS

#### Sheet Pile Capping Beam in 3D

#### Ground Beam in 3D





#### Plan view of a Wing Wall



#### 

#### Plan view of a Wall Corner Detail



We supply drawings and fitting instructions for all our contracts including structural calculations if required.

We can supply a full temporary works package with all systems supplied and offer full technical back up.

#### .

Section view of a 3.2m wall

Wing Wall shown in 3D

# A small selection of our projects & clients



# A small selection of our projects & clients



# A small selection of customer testimonials

We specialise in basement constructions and specifically waterproof basements. I trialled Fast -Form for the first time for 2 main reasons 1. Its ability to be erected without a crane as many of my builds are residential we don't have a crane on site and 2. It has a unique ability to be erected to full height but you can fix the play to any height, this was especially useful on some jobs as we have a waterbar that needs to be kept very clean, so we can fix the ply at the very last minute as the framework is already in place, we can even complete the back wall, many of our waterproof pours only allow around 1.5m pours so with Fast Form I can just ply out 1.5m of a 3m pour. Its is such a flexible system, we can do full height pours, partial pours, single sided, double sided and all with handrail and access platforms built in. I used to use Mabey and Peri but they are more expensive & less flexible, Fast-Form seem to have a solution for everything no matter how complex. To say I impressed is an understatement, I have not used any other system since and am already starting my 4th basement with Fast Form which is a 5m high wall. The staff at Fast Form are also the most helpful you will find, nothing is too much trouble and they never let you down, you don't get ripped off with cleaning and damage charges. Great system, great company and great people to work with.

Neil Hayden, St Andrews Carpentry

We had to construct a lift pit on our prestigious Premier Inn site in Cleethorpes, we had only 2 days in which to complete the shuttering.

Fast-Form returned a price within hours and were able to deliver the brackets the next day.

The other systems considered were traditional timber shutters and a panel system, the lift pit was on our critical path which was the most important factor, but having now used Fast-Form we can say that overall the cost to construct was much less than the other methods we generally use as there were huge savings on the cost of labour.

The speed of the system meant it was completed and ready to pour in just over 1 day and took only a few hours to completely strip meaning that our bricklayers could start work immediately.

The panel system considered would have required a machine to fit and strip.

Fast-Form needed no forklift, so another cost saving.

We are very happy with the finish and will be using Fast-Form again and would recommend the system to anyone who wants to save time but more importantly money.

Ian Oliver

Managing Director BCJ Construction

We have just used the Fast-Form system for the first time and we are extremely pleased with the system.

We found it much quicker than making traditional timber shutters and very easy to use and whats more extremely quick to strip down.

Very sturdy and no parts to lose or damage!

Our job needed a fair face finish with no holes and Fast-Form was perfect for the job.

What a great system, we shall be using it on all our shuttering contracts from now on.

M Genney, Director Unibuild Ltd

Fast-Form Systems provide a very efficient system of shuttering for reinforced concrete works. We contacted Fast-Form as we required a simple shuttering system that couple be erected in a short period of time, the staff were extremely helpful and provided the materials within a few days of my initial conversation. The staff were also very helpful in providing technical assistance throughout the process of constructing the shuttering. Upon completion of the works the shuttering was also collected within a couple of days. I would not hesitate to use Fast-Form Systems again.

Sam Goulding Frank Goulding Limited

As a groundwork's contractor we have used many formwork and shuttering systems in the past from Mabey & A-Plant to Peri and many others.

We have found them either heavy and cumbersome or very expensive and have been caught endless times for damage & cleaning charges and lost items that cost more than the formwork hire in some cases.

We have never used a faster or simpler system than Fast-Form, it has saved us an enormous amount of time and money, we have cut down on wastage, deliveries and man hours.

No pieces to lose and almost impossible to damage.

What a fantastic system, so simple yet so effective, we will be using this from now on!!! good luck guys!

P Moira, Director

D S Structures Ltd

Fast Form Systems provide a robust, user-friendly framework that makes shuttering pit walls much easier and quicker than traditional timber only methods.

We've used Fast Form on a recent contract for 6 pits of varying sizes and depths at Heathrow Airport, the finish / timescales would have been difficult to achieve without the use of their system.

We'll definitely use them as a matter of course on future works -

Marc

L.O.I Ltd (Heathrow)

We used the fast-form system to construct a swimming pool at Danby Low Mill, North Yorkshire.

The system was very easy to use, a lot faster and cheaper than timber shutters.

The brackets are very sturdy which gave no movement when pouring the concrete.

The finish on the concrete was perfect for the pool. we would use fastform again and recommend to anyone.

Great service.

Adrian Hemsley, Gamble & Hemsley Construction

### **Delivery throughout the UK, Europe & Worldwide**

We have designed & invested in specialist pallets for our products (shown below) and intend for most deliveries to be sent by a National & International palletised delivery network which has several benefits:

- Depots in the South & North to minimise not only our delivery costs but also our Carbon Footprint
- There are hundreds of transportation companies in the network and a central hub is used to minimise costs -
- Cost to deliver is a fraction of sending our own delivery vehicles and reduces our costs to you
- Pallets are collected on return load basis meaning they are collected by a truck that is already on a journey to a central depot, reducing fuel, costs & Carbon Footprint
- Our delivery or collection may be one of 20 on a truck that is already going to that area -
- Our deliveries are made by tail lift trucks with a pallet truck on board meaning there is no need for a forklift at the customers site.
- 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
- We also have a fleet of fuel efficient vehicles for some of our deliveries including our Mercedes Benz Bluetec flatbeds, a low emmision vehicle. We are able to offer low cost delivery as our system is lighter than all the competition and so our delivery costs, emmisions and Carbon footprint are LOWER.













Accreditatio



