

# BEWI FormMaster Shuttering

## Technical Datasheet

BEWI FormMaster Shuttering offers a permanent formwork solution for casting ground beam foundations. Made from durable polypropylene corrugated sheets, it's perfect for shaping the U-profile of ground beams and is also well-suited for applications requiring only side shuttering.

Along with standard profiles, the U-shaped, L-shaped and side shuttering systems can be supplied with additional components such as corner connectors, straight connectors and tape. Additionally, a variety of reinforcement spacers are available for use with both systems.

### Key Benefits

- Quick and easy installation
- Reduces concrete wastage
- Supplied as flat panels for on-site formwork fabrication or pre-shaped to the desired profile.
- Lightweight and easy to handle
- Ideal for use with HeaveMaster GHP and ClayMaster
- Can be supplied as a package with all spacers, connectors and tape

### Easy to install

After excavating the ground beam, carefully lower the selected permanent formwork system into the excavation, ensuring it is fully supported. Connect each panel in sequence using straight or corner connectors and tape as required.

Before placing the reinforcement, ensure the correct spacers are positioned underneath and along the sides of the reinforcement to achieve the required concrete depth (see our installation guide).



### Storage and handling

Each panel can be pre-cut and creased (pre-formed option only) for easy assembly on-site.

All FormMaster products are supplied in flat-pack form for easy on-site assembly, and to reduce storage space.

### Dimensions:

Standard sheet size: 2400mm x 1900mm  
Standard thickness: 8mm

For more information:

[bewi.com](http://bewi.com) e-mail: [sales.insulation.uk@bewi.com](mailto:sales.insulation.uk@bewi.com) Tel: 0870 600 3666

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### FormMaster Side Shuttering

FormMaster Side Shuttering  
(Flat sheet)

FormMaster Side Shuttering  
(in conjunction with  
HeaveMaster Low 90mm)



FormMaster Side Shuttering  
(in conjunction with  
HeaveMaster Medium 155mm)



FormMaster Side Shuttering  
(in conjunction with  
HeaveMaster High 220mm)



Sheet Size		Sheet Size		Sheet Size		Sheet Size	
Width (mm)	Length (mm)	Width (mm)	Length (mm)	Width (mm)	Length (mm)	Width (mm)	Length (mm)
300	2400	390	2400	455	2400	520	2400
400	2400	490	2400	555	2400	620	2400
450	2400	540	2400	605	2400	670	2400
500	2400	590	2400	655	2400	720	2400
600	2400	690	2400	755	2400	820	2400

### FormMaster U-Section and L-Section Shuttering

FormMaster U-Section Shuttering  
(Suitable for use with Heave Master Low, Medium and High)



FormMaster L-Section Shuttering  
(Suitable for use with Heave Master Low, Medium and High)



Sheet Size		Beam Size		Sheet Size		Depth and Toe Size	
Width (mm)	Length (mm)	Depth (mm)	Width(mm)	Width (mm)	Length (mm)	Depth (mm)	Toe (mm)
900	2400	300	300	600	2400	450	150
1200	2400	400	400	650	2400	500	150
1350	2400	450	450	750	2400	600	150
1500	2400	500	500				
1800	2400	600	600				
1650	2400	600	450				

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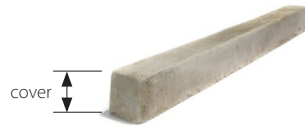
### Accessories

#### Spacers

Our spacers are designed to provide support for steel reinforcement in concrete structures and stay located during the entire construction process, ensuring that the reinforcement is correctly embedded in concrete.

#### Concrete spacers

Fibre reinforced concrete spacers for use beneath steel reinforcement.



Concrete spacers are sold individually.

Cover (mm)	Length (metre)	Pallet Size (No.)	Pallet Weight (kg)
50	1	250	1299
75	1	100	1242

Minimum Concrete Strength of 40N/mm<sup>2</sup>  
Other covers available upon request

#### Polypropylene spacers

Flat base clip-on polypropylene spacers offer stable support when applied vertically against the FormMaster sheet. Tested in accordance with BS 7973-1.



Polypropylene spacers are sold in packs.

Cover (mm)	Bar Dia. (mm)	Pack Size (No.)	Pallet Size (No.)
40 - 50	6-12	200	10400
65 - 75	6-12	200	10000

#### Tape

Tape for joining FormMaster panels to prevent concrete loss.

Tape is sold individually.



Width (mm)	Length (metre)	Pack Size (No.)
50	33	24

Other sizes available upon request

#### Connectors

Joining connectors, provide a stable joint for two adjacent boards to be fitted together as part of a construction. Available in both straight and corner profiles.

Connectors are sold individually in lengths of 2400mm.



Disclaimer: Every effort has been made to ensure the correctness of the information provided in this data sheet and is based on data and knowledge accurate at the time of production. It is designed for experienced professionals in the building and construction industry and does not offer a complete overview of industry practices. Therefore, this cannot guarantee the performance results, as usage and installation conditions are outside our control. If you have any questions regarding the suitability of the application, please contact us.

For more information:

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