

**WILLIAMSON
CONSTRUCTION
EQUIPMENT
LIMITED**

Williamson

**WEBSITE: www.wcelimited.co.uk
E-MAIL: hireandsales@wcelimited.co.uk**

Introducing Williamsform

Williamsform is a highly versatile, modular formwork panel system for concrete pressures up to **60kN/m²**. The lightweight panels weigh less than 40kg/m², allowing them to be easily and safely set by hand. With an extensive range of accessories, **Williamsform** has the versatility to adapt to most building shapes, quickly and easily.

Applications

Williamsform can be used within most sectors for a variety of applications, including:

- Walls
- Columns
- Buttresses
- Culverts
- Abutments and Piers
- Service Cores
- Basements
- Tanks
- Foundations
- Pile Caps

Features and Benefits

- **Williamsform's** lightweight panels – less than 40kg/m² - can be easily set by hand, **minimising the need for crange, reducing costs and skilled labour requirements.**
- Clamps are easily tightened, **prolonging their working life and reducing labour requirements.**
- Panels can be clamped together using the Aligning Panel Clamp and up to 25m² | lifted by crane if required, **increasing the productivity of the system.**
- **Williamsform** is available in 18 panel sizes, **allowing virtually any configuration to be erected.** Tie positions support 1.21m² of formwork when using 2.7 x 0.9m panel assemblies, **reducing the number of ties required, lowering costs and construction times.**
- **Williamsform** inner corners have 2 degree stripping clearance, **allowing panels to be easily removed once curing has taken place.**

Design & Advisory Service

Williamson Construction Equipment Limited offers a full, free, non-obligatory design service for Formwork and Temporary Works Projects. Whether it is at Tender/Planning stage or if the site is under way, we can offer everything from budget prices to fully designed schemes.

FORMWORK DESIGN SERVICE:

- Panel Formwork - A steel-framed, timber-faced, formwork system, which is quick and easy to erect.
- Aluminium Beam Formwork - Aluminium Beams faced with plywood and backed with Superslim Soldiers (Customer supplies plywood/timber and constructs shutters in accordance with drawing supplied)
- Timber Beam Formwork - Design of Traditional Timber Formwork, where a design is supplied along with Superslim Soldiers/Mini-Slim Beams, etc to back the Customer's timber shutters.

TEMPORARY WORKS DESIGN SERVICE:

- Propping/Supports using Standard Telescopic Props and/or Heavy Duty Superslim Soldier Supports
- Heavy Duty Superslim Soldier Raking Shores
- Needling & Relevant Propping (using Superslim Soldiers or Standard Telescopic Props)

Components

Panels

Description	Weight (Kg)
Williamsform Panel – 1200 × 300mm	19.1
Williamsform Panel – 1200 × 450mm	24.0
Williamsform Panel – 1200 × 600mm	29.2
Williamsform Panel – 1200 × 750mm	33.5
Williamsform Panel – 1200 × 900mm	38.5
Williamsform Panel – 1500 × 300mm	22.8
Williamsform Panel – 1500 × 450mm	26.6
Williamsform Panel – 1500 × 600mm	31.2
Williamsform Panel – 1500 × 750mm	36.0
Williamsform Panel – 1500 × 900mm	41.5
Williamsform Panel – 2700 × 300mm	39.3
Williamsform Panel – 2700 × 450mm	45.6
Williamsform Panel – 2700 × 600mm	53.3
Williamsform Panel – 2700 × 750mm	60.1
Williamsform Panel – 2700 × 900mm	69.3

Multi Purpose Panels

Description	Weight (Kg)
Williamsform MP Panel – 1200 × 700mm	36.2
Williamsform MP Panel – 1500 × 700mm	41.2
Williamsform MP Panel – 2700 × 700mm	64.6

Inner Corners

Description	Weight (Kg)
Williamsform Inner Corner 1200mm	30.8
Williamsform Inner Corner 1500mm	35.9
Williamsform Inner Corner 2700mm	62.7

Hinged Corners

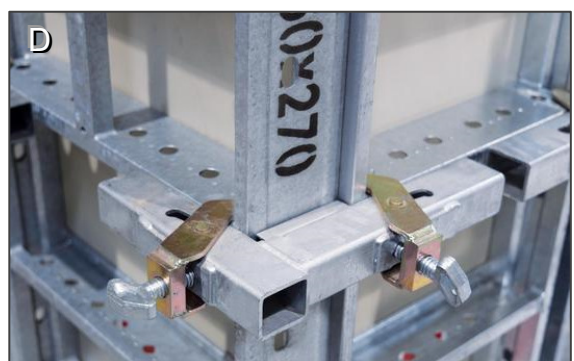
Description	Weight (Kg)
Williamsform Hinge Corner 1200 × 300mm	33.9
Williamsform Hinge Corner 1500 × 150mm	27.9
Williamsform Hinge Corner 1500 × 300mm	41.4
Williamsform Hinge Corner 2700 × 150mm	49.2
Williamsform Hinge Corner 2700 × 300mm	71.8

Clamps

Description	Weight (Kg)
(A) Williamsform Alignment Clamp	3.0
(B) Williamsform Lever Clamp	0.8
(C) Williamsform Adjustable Clamp	5.1
(D) Williamsform Outer Corner Clamp	6.2

Crane Hook

Description	Weight (Kg)
Williamsform Crane Hook	7.7



Components

Tie Rod Components

Description	Weight (Kg)
1000mm Tie Rod	1.5
1500mm Tie Rod	2.3
Williamsform Waler Plate 15	1.3
Williamsform Waler Plate 220	2.4
50mm Hexagon Nut	0.2
Williamsform 8/8 Ground Plate	0.4
Williamsform Edge Tie Bearing	2.4

Support to Stop Ends & Infills

Description	Weight (Kg)
Williamsform Alignment Rail 800	6.3
Williamsform Alignment Rail 1000	13.1
Williamsform Tension Bolt 190mm	1.0
Williamsform Waler Tie 300	0.8
Williamsform Waler Tie 500	1.1

Access Brackets*

Description	Weight (Kg)
Williamsform Access Bracket	13.5
Williamsform Access Bracket Post	4.5
19mm Pin & R Clip	0.4

* can be supplied with scaffold tube handrail and scaffold boards to form access platform to formwork



For full details of the Williamsform Formwork system, and quotations/advice on Formwork projects large and small, contact:

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Other products supplied include:

- Column Clamps
- Crowd Control Barriers
- Adjustable Manhole Shutters
- Manhole Braces
- Telescopic Props & Trench Struts
- Roadforms
- Road Plates
- Scaffold Boards
- Scaffold Fittings
- Soldier System (Strongbacks)
- Site Fencing
- Trestles
- Trench, Drag & Manhole Boxes
- Trench Shoring Lifting Equipment
- Trench Sheets