Form-Scaff is South Africa’s leading supplier of formwork, falsework and scaffolding to the construction and civil engineering industries. Form-Scaff not only manufactures, hires and sells world-class products, but also provides the design skills, technical advice and support that comes with having 50 years experience and more than 30 branches locally and internationally.

This indigenous expertise is complemented by the international depth and breadth of its holding company, Waco International, a leading global commercial and industrial service business focusing on the manufacturing, rental and sale of formwork, falsework and scaffolding equipment as well as the burgeoning re-locatable and modular buildings industry. Waco International operates in Africa, the UK, Australia, New Zealand and Chile.

Form-Scaff is a division of Waco Africa (Pty) Ltd, a joint venture company owned by Waco International and respected local black empowerment company, Kagiso.
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Multi-Form Slabs

Form-Scaff’s unique Multi-Form slab range provides contractors with a choice of main and secondary bearers that can be used in a number of ways.

Optimising on-site flexibility

Form-Scaff’s unique Kwik-Strip Drop Head allows the Multi-Form deck to be stripped after a couple of days, thus optimising equipment usage on site. Table-Forms are also available for larger, repetitive projects.

System Features

- Galvanised steel bearers and beams for longevity.
- Table-Forms available.
- Propping between 1.8m and 6.15m.
- High quality WISA-Form plywood.
- Superb concrete finishes.
- Compatible on Kwik-Stage.
General Assembly

- Plywood
- BS Prop
- Multi-Form Beam
- Multi-Form Main Bearer
Support Work

BS Props
BS Props are used to support the Multi-Form System to a propping height of 4000mm. The galvanised BS-0 and BS-1 Props are the preferred props to be used with the Multi-Form System.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5105007</td>
<td>BS-0 PROP INNER</td>
<td>8.6</td>
</tr>
<tr>
<td>5105008</td>
<td>BS-0 PROP OUTER</td>
<td>11.1</td>
</tr>
<tr>
<td>1520002</td>
<td>BS-1 PROP INNER</td>
<td>11.8</td>
</tr>
<tr>
<td>1520003</td>
<td>BS-1 PROP OUTER</td>
<td>16.4</td>
</tr>
<tr>
<td>1520006</td>
<td>BS-2 PROP COMPLETE</td>
<td>27.3</td>
</tr>
</tbody>
</table>

Prop Heights

Alu-Up Props
Alu-Up Props are used to support the Multi-Form System to a propping height of 5000mm.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5105200</td>
<td>ALU-UP PROPS 3.78 - 5.00</td>
<td>28.0</td>
</tr>
</tbody>
</table>
Alu-Up Prop Stubs and Extensions

Alu-Up Prop Extensions are used to extend the propping height from 5000mm to 6150mm. The Stubs are bolted to the bottom of all Props to act as a hammering piece.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5105210</td>
<td>ALU-UP STUB 150mm</td>
<td>4.70</td>
</tr>
<tr>
<td>5105204</td>
<td>ALU-UP EXTENSION 500mm</td>
<td>7.47</td>
</tr>
<tr>
<td>5105205</td>
<td>ALU-UP EXTENSION 1000mm</td>
<td>11.66</td>
</tr>
</tbody>
</table>

Application - BS Props
BS Prop Tri-pods
BS Prop Tri-pods are used to keep the BS Props plumb during the erection and concrete pouring phase.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1130017</td>
<td>BS PROP TRI-POD</td>
<td>10.95</td>
</tr>
</tbody>
</table>

Alu-Up Prop Tri-pods
Alu-Up Prop Tri-pods are used to keep the Alu-Up Props plumb during the erection phase.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5105201</td>
<td>ALU-UP TRI-PODS</td>
<td>12.40</td>
</tr>
</tbody>
</table>

Alu-Up Trusses
Alu-up Trusses are used to create towers and brace the Alu-Up Props in the vertical position.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5105206</td>
<td>2500 ALU-UP TRUSS</td>
<td>29.36</td>
</tr>
<tr>
<td>5105207</td>
<td>1800 ALU-UP TRUSS</td>
<td>23.44</td>
</tr>
<tr>
<td>5105208</td>
<td>1600 ALU-UP TRUSS</td>
<td>21.91</td>
</tr>
<tr>
<td>5105209</td>
<td>1294 ALU-UP TRUSS</td>
<td>19.60</td>
</tr>
<tr>
<td>5105212</td>
<td>900 ALU-UP TRUSS</td>
<td>14.48</td>
</tr>
</tbody>
</table>
Application - Alu-Up Props

- Alu-Up Prop
- Alu-Up Truss
- Alu-Up Prop Stub
### Kwik-Stage Base Jacks
Kwik-Stage Base Jacks are inserted into the ends of Kwik-Stage Standards to provide the required vertical height adjustment.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0140320</td>
<td>457 R/O BASE JACK</td>
<td>3.78</td>
</tr>
<tr>
<td>0140324</td>
<td>610 R/O BASE JACK</td>
<td>4.28</td>
</tr>
</tbody>
</table>

### Kwik-Stage Standards
Kwik-Stage Standards are used to form the vertical supports for bearers and formwork.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1105000</td>
<td>500 K/S STANDARD</td>
<td>2.46</td>
</tr>
<tr>
<td>1105001</td>
<td>1000 K/S STANDARD</td>
<td>4.92</td>
</tr>
<tr>
<td>1105002</td>
<td>1500 K/S STANDARD</td>
<td>7.38</td>
</tr>
<tr>
<td>1105003</td>
<td>2000 K/S STANDARD</td>
<td>9.84</td>
</tr>
<tr>
<td>1105004</td>
<td>2500 K/S STANDARD</td>
<td>12.30</td>
</tr>
<tr>
<td>1105005</td>
<td>3000 K/S STANDARD</td>
<td>14.76</td>
</tr>
<tr>
<td>1105013</td>
<td>3500 K/S STANDARD</td>
<td>17.90</td>
</tr>
<tr>
<td>1105018</td>
<td>4000 K/S STANDARD</td>
<td>19.33</td>
</tr>
</tbody>
</table>

### Kwik-Stage Ledgers
Kwik-Stage Ledgers are horizontal members used to keep the Kwik-Stage Standards in the vertical position.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1105021</td>
<td>2500 K/S LEDGER</td>
<td>7.91</td>
</tr>
<tr>
<td>1105022</td>
<td>2000 K/S LEDGER</td>
<td>6.44</td>
</tr>
<tr>
<td>1105023</td>
<td>1800 K/S LEDGER</td>
<td>5.90</td>
</tr>
<tr>
<td>1105024</td>
<td>1600 K/S LEDGER</td>
<td>5.39</td>
</tr>
<tr>
<td>1105025</td>
<td>1500 K/S LEDGER</td>
<td>5.00</td>
</tr>
<tr>
<td>1105026</td>
<td>1200 K/S LEDGER</td>
<td>4.39</td>
</tr>
<tr>
<td>1105027</td>
<td>1200 K/S LEDGER</td>
<td>4.17</td>
</tr>
<tr>
<td>1105028</td>
<td>1000 K/S LEDGER</td>
<td>3.53</td>
</tr>
<tr>
<td>1105029</td>
<td>900 K/S LEDGER</td>
<td>3.23</td>
</tr>
<tr>
<td>1105030</td>
<td>600 K/S LEDGER</td>
<td>2.35</td>
</tr>
</tbody>
</table>
BT Jacks
BT Jacks are inserted into the ends of Kwik-Stage Standards to provide the required vertical height adjustment of the Kwik-Stage Standards and to secure the Multi-Form Prop Fork Heads and/or Drop Heads in position.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>140335</td>
<td>610 R/O BT BASE JACK</td>
<td>4.59</td>
</tr>
</tbody>
</table>

Application - Multi-Form on Kwik-Stage

- Multi-Form Beam
- Multi-Form Main Bearer
- Kwik-Stage BT Jack
- Multi-Form Prop Fork Head
- Kwik-Stage Standard
- Kwik-Stage Base Jack
- Kwik-Stage Ledger
Prop Heads

Prop Fork Heads
Multi-Form Prop Fork Heads are used to keep the Multi-Form Main Bearers centrally positioned over the BS Props.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1130016</td>
<td>MULTI-FORM PROP FORK HEAD</td>
<td>2.30</td>
</tr>
</tbody>
</table>

Application - Fork Heads

Drop Heads
The Multi-Form Drop Heads are used to Kwik-Strip the Multi-Form system. The Props remain in position while the bearers and plywood are recovered for re-use. The Multi-Form Drop Heads support the Multi-Form Main Bearers, Multi-Form Beams and plywood decking.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605026</td>
<td>MULTI-FORM DROP HEAD</td>
<td>720</td>
</tr>
</tbody>
</table>
Application - Drop Heads - Unstripped Position

Application - Drop Heads - Stripped Position

Beams and plywood lowered for re-use while Props and plywood strip remain in position
Beaers & Plywood

Main Bearers
Main Bearers are used to support the secondary beams.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1121001</td>
<td>MULTI-FORM MAIN BEARER 900</td>
<td>8.80</td>
</tr>
<tr>
<td>1121002</td>
<td>MULTI-FORM MAIN BEARER 1200</td>
<td>11.70</td>
</tr>
<tr>
<td>1121003</td>
<td>MULTI-FORM MAIN BEARER 1500</td>
<td>14.60</td>
</tr>
<tr>
<td>1121004</td>
<td>MULTI-FORM MAIN BEARER 1800</td>
<td>17.50</td>
</tr>
<tr>
<td>1121005</td>
<td>MULTI-FORM MAIN BEARER 2100</td>
<td>20.50</td>
</tr>
<tr>
<td>1121006</td>
<td>MULTI-FORM MAIN BEARER 2400</td>
<td>23.40</td>
</tr>
<tr>
<td>1121007</td>
<td>MULTI-FORM MAIN BEARER 2700</td>
<td>26.30</td>
</tr>
<tr>
<td>1121008</td>
<td>MULTI-FORM MAIN BEARER 3000</td>
<td>29.20</td>
</tr>
<tr>
<td>1121009</td>
<td>MULTI-FORM MAIN BEARER 3300</td>
<td>32.20</td>
</tr>
<tr>
<td>1121010</td>
<td>MULTI-FORM MAIN BEARER 3600</td>
<td>35.10</td>
</tr>
<tr>
<td>1121011</td>
<td>MULTI-FORM MAIN BEARER 3900</td>
<td>38.00</td>
</tr>
<tr>
<td>1121012</td>
<td>MULTI-FORM MAIN BEARER 4200</td>
<td>40.90</td>
</tr>
<tr>
<td>1121013</td>
<td>MULTI-FORM MAIN BEARER 4500</td>
<td>43.90</td>
</tr>
</tbody>
</table>

Multi-Form Beams
Multi-Form Beams are used as secondary beams, which support the plywood facing, to form the soffit of a concrete slab.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1120001</td>
<td>MULTI-FORM BEAM 900</td>
<td>6.30</td>
</tr>
<tr>
<td>1120016</td>
<td>MULTI-FORM BEAM 1200</td>
<td>8.40</td>
</tr>
<tr>
<td>1120002</td>
<td>MULTI-FORM BEAM 1500</td>
<td>10.40</td>
</tr>
<tr>
<td>1120003</td>
<td>MULTI-FORM BEAM 1800</td>
<td>12.50</td>
</tr>
<tr>
<td>1120004</td>
<td>MULTI-FORM BEAM 2100</td>
<td>14.60</td>
</tr>
<tr>
<td>1120005</td>
<td>MULTI-FORM BEAM 2400</td>
<td>16.70</td>
</tr>
<tr>
<td>1120015</td>
<td>MULTI-FORM BEAM 2700</td>
<td>18.80</td>
</tr>
<tr>
<td>1120006</td>
<td>MULTI-FORM BEAM 3000</td>
<td>20.90</td>
</tr>
<tr>
<td>1120013</td>
<td>MULTI-FORM BEAM 3300</td>
<td>23.00</td>
</tr>
<tr>
<td>1120014</td>
<td>MULTI-FORM BEAM 3600</td>
<td>25.00</td>
</tr>
<tr>
<td>1120016</td>
<td>MULTI-FORM BEAM 3900</td>
<td>27.10</td>
</tr>
<tr>
<td>1605049</td>
<td>MULTI-FORM BEAM LIFING FORK</td>
<td>2.40</td>
</tr>
</tbody>
</table>

WISA-Form Plywood
21mm Thick WISA-Form Combi plywood is used as a facing on the Multi-Form System. The Phenolic coating on the plywood provides a very good off-shutter concrete finish.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5128017</td>
<td>2400 X 600 X 21mm WISA-FORM PLYWOOD</td>
<td>20.50</td>
</tr>
<tr>
<td>5128011</td>
<td>2700 X 1220 X 21mm WISA-FORM PLYWOOD</td>
<td>46.90</td>
</tr>
</tbody>
</table>
Multi-Form Beam Guardrails
Multi-Form Beam Guardrails are secured onto the Multi-Form Main Bearer / Multi-Form Beam to provide a stanchion for safety handrails.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605040</td>
<td>MULTIFORM BEAM GUARDRAIL</td>
<td>5.20</td>
</tr>
</tbody>
</table>

Slab Clamps
Slab Clamps are used as stanchions, to secure safety handrails in position around the edges of a concrete slab. They may be clamped onto an existing concrete slab of up to 900mm thick, or onto any of the Multi-Form Bearers.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1130235</td>
<td>SLAB CLAMP 600</td>
<td>14.80</td>
</tr>
<tr>
<td>34003</td>
<td>SLAB CLAMP 900</td>
<td>11.20</td>
</tr>
</tbody>
</table>

Application - Slab Clamps
Application - Guardrails
Table Heads & Connections
Multi-Form Table Heads are fixed to the ends of the Props with the aid of a wedge. This is to keep the Multi-Form Main Bearers in position when the system is used for Tables.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605028</td>
<td>MULTI-FORM TABLE HEAD</td>
<td>6.00</td>
</tr>
<tr>
<td>1605006</td>
<td>MULTI-FORM FLANGE CLIP</td>
<td>0.10</td>
</tr>
<tr>
<td>1605007</td>
<td>MULTI-FORM WALER CHANNEL</td>
<td>0.40</td>
</tr>
<tr>
<td>1605008</td>
<td>MULTI-FORM CUP SQUARE BOLT</td>
<td>0.10</td>
</tr>
<tr>
<td>1605036</td>
<td>MULTI-FORM LINDAPTDRI</td>
<td>0.10</td>
</tr>
<tr>
<td>1605035</td>
<td>MULTI-FORM M14 X 65 BOLT</td>
<td>0.10</td>
</tr>
</tbody>
</table>

Table Lifting Brackets
Multi-Form Table Lifting Brackets are used to move assembled Multi-Form Tables in the absence of a Multi-Form Table C-Hook and when loading or unloading vehicles.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605041</td>
<td>MULTI-FORM TABLE LIFTING BRACKET</td>
<td>11.40</td>
</tr>
</tbody>
</table>

Table C-Hook
The Multi-Form Table C-Hooks are used to lift or move assembled Multi-Form Tables.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605029</td>
<td>MULTI-FORM TABLE C-HOOK</td>
<td>500.00</td>
</tr>
<tr>
<td>1605051</td>
<td>MULTI-FORM TABLE C-HOOK SAFETY SLING</td>
<td>10.00</td>
</tr>
</tbody>
</table>

Table Trolley
A pair of Multi-Form Table Trolleys joined together by the Multi-Form Table Trolley Spacer and Brace are used to move assembled Multi-Form Tables around on existing concrete slabs.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605050</td>
<td>MULTI-FORM TABLE TROLLEY</td>
<td>100.00</td>
</tr>
<tr>
<td>1605095</td>
<td>MULTI-FORM TABLE TROLLEY SPACER</td>
<td>6.51</td>
</tr>
<tr>
<td>1605096</td>
<td>MULTI-FORM TABLE TROLLEY BRACE</td>
<td>8.38</td>
</tr>
</tbody>
</table>
Application - Tables

- Multi-Form Beam
- Multi-Form Main Bearer
- Plywood Stripping Piece
- Plywood
- BS Props
- BS Props used for back propping
- Multi-Form Table Trolley
- Multi-Form Table Trolley Brace
- Multi-Form Table Trolley Spacer
- Multi-Form Table C-Hook
- Multi-Form Table Head
Multi-Form Walls

Form-Scaff’s unique Multi-Form Beam also doubles up as a soldier in the Multi-Form wall system. With twin channel Walers behind for strength and high quality plywood facing on the front, Multi-Form guarantees a superb off-shutter finish.

Available in standard panels or loose components

The standard size panels are made up at our premises and delivered to site. Off-shutter columns, walls and lift-shafts are possible with this lightweight walling system.

System Features

- Unique Multi-Form Beam as the soldier.
- The Walers and Splices self-align the panels.
- Splices and Wedges ensure water-tight connections between panels.
- Straight and circular applications are available.
- Climbing and lifting applications are available.
- Offers a superb off-shutter finish.
General Assembly
Soldiers & Walers

Multi-Form Beams
Multi-Form Beams are used as the soldiers, which support the plywood facing.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1120001</td>
<td>MULTI-FORM BEAM 900</td>
<td>6.30</td>
</tr>
<tr>
<td>1120016</td>
<td>MULTI-FORM BEAM 1200</td>
<td>8.40</td>
</tr>
<tr>
<td>1120022</td>
<td>MULTI-FORM BEAM 1500</td>
<td>10.40</td>
</tr>
<tr>
<td>1120032</td>
<td>MULTI-FORM BEAM 1800</td>
<td>12.50</td>
</tr>
<tr>
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<td>MULTI-FORM BEAM 2100</td>
<td>14.60</td>
</tr>
<tr>
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<td>MULTI-FORM BEAM 2400</td>
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<td>1120062</td>
<td>MULTI-FORM BEAM 2700</td>
<td>18.80</td>
</tr>
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<td>1120072</td>
<td>MULTI-FORM BEAM 3000</td>
<td>20.90</td>
</tr>
<tr>
<td>1120082</td>
<td>MULTI-FORM BEAM 3300</td>
<td>23.00</td>
</tr>
<tr>
<td>1120092</td>
<td>MULTI-FORM BEAM 3600</td>
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</tr>
<tr>
<td>1120102</td>
<td>MULTI-FORM BEAM 3900</td>
<td>27.10</td>
</tr>
</tbody>
</table>

Walers
Multi-Form Walers are used to straighten or stiffen the Multi-Form Beams in an assembled Multi-Form Panel.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605025</td>
<td>MULTI-FORM WALER 600</td>
<td>11.90</td>
</tr>
<tr>
<td>1605071</td>
<td>MULTI-FORM WALER 900</td>
<td>18.40</td>
</tr>
<tr>
<td>1605072</td>
<td>MULTI-FORM WALER 1200</td>
<td>24.20</td>
</tr>
<tr>
<td>1605073</td>
<td>MULTI-FORM WALER 1500</td>
<td>30.30</td>
</tr>
<tr>
<td>1605074</td>
<td>MULTI-FORM WALER 1800</td>
<td>36.50</td>
</tr>
<tr>
<td>1605075</td>
<td>MULTI-FORM WALER 2100</td>
<td>42.70</td>
</tr>
<tr>
<td>1605076</td>
<td>MULTI-FORM WALER 2400</td>
<td>48.70</td>
</tr>
</tbody>
</table>

Internal Corners
Multi-Form Internal Corners 600 x 600 are walers, attached to the Multi-Form Beam soldiers, to form a 90° internal corner panel.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605081</td>
<td>MULTI-FORM INTERNAL CORNER 600 X 600</td>
<td>29.50</td>
</tr>
</tbody>
</table>
**Waler Splices**
Multi-Form Waler Splices are used to join two Multi-Form Panels together side by side. They are also used to straighten or align gang-formed Multi-Form Panels.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605003</td>
<td>MULTI-FORM WALER SPLICE 980</td>
<td>10.40</td>
</tr>
<tr>
<td>1605012</td>
<td>MULTI-FORM WALER SPLICE 1470</td>
<td>15.40</td>
</tr>
</tbody>
</table>

**BT Channels**
Multi-Form BT Channels are used to frame the ends of the Multi-Form Beams on an assembled Multi-Form Panel. BT Corner Channels are used to frame the ends of the Multi-Form Beams on an assembled 90° Multi-Form Internal Corner Panel.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605021</td>
<td>MULTI-FORM BT CHANNEL 600</td>
<td>7.80</td>
</tr>
<tr>
<td>1605069</td>
<td>MULTI-FORM BT CHANNEL 900</td>
<td>11.80</td>
</tr>
<tr>
<td>1605088</td>
<td>MULTI-FORM BT CHANNEL 1200</td>
<td>15.70</td>
</tr>
<tr>
<td>1605024</td>
<td>MULTI-FORM BT CHANNEL 1500</td>
<td>19.20</td>
</tr>
<tr>
<td>1605069</td>
<td>MULTI-FORM BT CHANNEL 1800</td>
<td>23.10</td>
</tr>
<tr>
<td>1605070</td>
<td>MULTI-FORM BT CHANNEL 2400</td>
<td>30.70</td>
</tr>
<tr>
<td>1605082</td>
<td>MULTI-FORM BT CORNER CHANNEL</td>
<td>17.00</td>
</tr>
</tbody>
</table>

**Application - Multi-Form Wall System**
**Stop-end Splices**
Multi-Form Waler Stop-end Splices are used to secure a stop-end, for a concrete wall, in position.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605013</td>
<td>MULTI-FORM WALER STOP-END SPLICE</td>
<td>5.90</td>
</tr>
</tbody>
</table>

**Hinged Splices**
Multi-Form Waler Hinged Splices are used (on the internal and external faces of walls) where the splayed angle of the concrete wall is between 70° and 180°.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605042</td>
<td>MULTI-FORM WALER HINGED SPLICE</td>
<td>15.40</td>
</tr>
</tbody>
</table>

**Waler Spacer Brackets**
Multi-Form Waler Spacer Brackets are used to seat the Multi-Form Beams up against the various types of Multi-Form Waler Splices.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605015</td>
<td>MULTI-FORM WALER SPACER BRACKET</td>
<td>1.10</td>
</tr>
<tr>
<td>1605083</td>
<td>TIFA CONNECTING PIN 19 x 90</td>
<td>0.10</td>
</tr>
<tr>
<td>5110059</td>
<td>R-CLIP</td>
<td>0.01</td>
</tr>
</tbody>
</table>

**Waler Channels**
Multi-Form Waler Channels are used as a bridge to keep the Cup Square Bolts and Flange Clips in position.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605007</td>
<td>MULTI-FORM WALER CHANNEL</td>
<td>0.40</td>
</tr>
<tr>
<td>1605008</td>
<td>MULTI-FORM WALER CUP SQUARE BOLT</td>
<td>0.10</td>
</tr>
<tr>
<td>1605036</td>
<td>MULTI-FORM LINDAPTOR</td>
<td>0.10</td>
</tr>
<tr>
<td>1605200</td>
<td>MULTI-FORM KWIK-FIX BOLT</td>
<td>0.02</td>
</tr>
<tr>
<td>1605201</td>
<td>MULTI-FORM KWIK-FIX NUT</td>
<td>0.02</td>
</tr>
</tbody>
</table>
Wedges
Multi-Form Waler Wedges are used to secure the various types of Multi-Form Waler Splices between the webs of the Multi-Form Walers / Multi-Form Internal Corner 600 x 600.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1695004</td>
<td>MULTI-FORM WALER WEDGE</td>
<td>0.80</td>
</tr>
</tbody>
</table>

Application - Assembly sequence for Multi-Form Waler Wedges to ensure tight connections between the Multi-Form Panels

01. Place Multi-Form Waler in position and insert first wedge loosely between Multi-Form Walers.
02. Using a hammer, knock a second wedge in as shown.
03. Knock in a third wedge as shown.
04. Remove the first wedge and place into position as shown.
05. Knock in the third wedge which draws the Multi-Form panels closed.
06. Knock in the fourth wedge to complete the connection.
WISA-Form Plywood, Plastic Plugs & Countersunk Screws

21mm Thick WISA-Form Combi Plywood is used as a facing on the Multi-Form Panels. The Phenolic coating on the plywood provides a very good off-shutter concrete finish. Plastic Plugs are used to seal the tie holes that are not in use. Countersunk Screws are used to fix the plywood to the Multi-Form Beams.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5120017</td>
<td>2400 X 600 X 21mm WISA-FORM PLYWOOD</td>
<td>20.50</td>
</tr>
<tr>
<td>5120011</td>
<td>2700 X 1220 X 21mm WISA-FORM PLYWOOD</td>
<td>46.90</td>
</tr>
<tr>
<td>5110300</td>
<td>PLASTIC PLUGS (21/15)</td>
<td>0.01</td>
</tr>
<tr>
<td>1605039</td>
<td>MULTI-FORM COUNTERSUNK SCREW X 55</td>
<td>0.01</td>
</tr>
<tr>
<td>1605027</td>
<td>MULTI-FORM TURBO SCREW 10 X 50</td>
<td>0.01</td>
</tr>
</tbody>
</table>

Waler Tie Bracket 45°

Multi-Form Waler Tie Brackets 45° are used to locate the Dywidag Ties at the 90° external corners of assembled Multi-Form Panels.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605044</td>
<td>MULTI-FORM WALER TIE BRACKET 45°</td>
<td>3.80</td>
</tr>
</tbody>
</table>

Tie System

15.5mm Diameter Dywidag Ties with Dywidag Combi Nuts should be used with the Multi-Form System.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5405077</td>
<td>DYWIDAG BAR 15mm 500</td>
<td>0.70</td>
</tr>
<tr>
<td>5405078</td>
<td>DYWIDAG BAR 15mm 1000</td>
<td>1.50</td>
</tr>
<tr>
<td>5405079</td>
<td>DYWIDAG BAR 15mm 1500</td>
<td>2.20</td>
</tr>
<tr>
<td>5405085</td>
<td>DYWIDAG BAR 15mm 2000</td>
<td>2.90</td>
</tr>
<tr>
<td>5405086</td>
<td>DYWIDAG BAR 15mm 2500</td>
<td>3.60</td>
</tr>
<tr>
<td>5405087</td>
<td>DYWIDAG BAR 15mm 3000</td>
<td>4.30</td>
</tr>
<tr>
<td>5405088</td>
<td>DYWIDAG BAR 15mm 3500</td>
<td>5.10</td>
</tr>
<tr>
<td>5405089</td>
<td>DYWIDAG BAR 15mm 4000</td>
<td>5.80</td>
</tr>
<tr>
<td>5405092</td>
<td>DYWIDAG BAR 15mm 4500</td>
<td>6.50</td>
</tr>
<tr>
<td>5405093</td>
<td>DYWIDAG BAR 15mm 5000</td>
<td>7.20</td>
</tr>
<tr>
<td>5405094</td>
<td>DYWIDAG BAR 15mm 5500</td>
<td>8.00</td>
</tr>
<tr>
<td>5405095</td>
<td>DYWIDAG BAR 15mm 6000</td>
<td>8.70</td>
</tr>
<tr>
<td>5110150</td>
<td>DYWIDAG COMBI WING NUT</td>
<td>1.20</td>
</tr>
</tbody>
</table>
Application - Infill Sections

Application - Corners & Stop-ends
Propping System

Push-pull Props
Tifa Push-pull Props and Tifa Prop Ties are used to plumb the Multi-Form Panels.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5110100</td>
<td>TIFA PROP TIE</td>
<td>8.40</td>
</tr>
<tr>
<td>5110007</td>
<td>TIFA PUSH-PULL PROP 2500</td>
<td>14.00</td>
</tr>
<tr>
<td>5110024</td>
<td>TIFA PUSH-PULL PROP 3100</td>
<td>16.60</td>
</tr>
<tr>
<td>5110201</td>
<td>TIFA PUSH-PULL PROP 4200</td>
<td>20.00</td>
</tr>
</tbody>
</table>

Waler Attachment Brackets
Multi-Form Waler Attachment Brackets are used to fix the Tifa Push-pull Props to the Multi-Form Walers.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605016</td>
<td>MULTI-FORM WALER ATTACHMENT BRACKET</td>
<td>3.60</td>
</tr>
</tbody>
</table>

Swivel Foot
The Tifa Swivel Foot is used at the base of the Push-pull Props and Prop Ties to connect the ends of the Props together.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5110008</td>
<td>TIFA SWIVEL FOOT 250 x 150</td>
<td>3.40</td>
</tr>
</tbody>
</table>

Connecting Pin & R-Clip
Tifa Connecting Pins 16 x 90 c/w R-Clips are used to connect a Prop to the Multi-Form Waler Attachment Bracket and to the Swivel Foot.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5110090</td>
<td>TIFA CONNECTING PIN 16 X 90</td>
<td>0.10</td>
</tr>
<tr>
<td>5110059</td>
<td>R-CLIP</td>
<td>0.01</td>
</tr>
</tbody>
</table>
Access Brackets
Multi-Form Access Brackets are used to provide access for site personnel.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS(kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1605017</td>
<td>MULTI-FORM ACCESS BRACKET</td>
<td>10.20</td>
</tr>
</tbody>
</table>

Application - Propping & Access

[Diagram showing scaffold tube handrail, multi-form access bracket, toe board, Tifa prop tie, Tifa swivel foot, Tifa push-pull prop]
Anchor Screws
Anchor Screws are used to keep the Form Wall Brackets in position.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2965902</td>
<td>ANCHOR SCREW M20 X 197</td>
<td>1.00</td>
</tr>
<tr>
<td>2965903</td>
<td>ANCHOR SCREW M24 X 280</td>
<td>1.10</td>
</tr>
</tbody>
</table>

Wall Brackets
Form Wall Brackets are used to support the Form Support Brackets.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5110099</td>
<td>FORM WALL BRACKET</td>
<td>3.90</td>
</tr>
</tbody>
</table>

Support Brackets
When climbing the Multi-Form System, Form Support Brackets may be used to support the system at various levels of the climb.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5405023</td>
<td>FORM SUPPORT BRACKET</td>
<td>25.70</td>
</tr>
</tbody>
</table>

Hanging Brackets
Form Hanging Brackets are used to provide access for site personnel and to recover the Anchor Screws from previous concrete pours.

<table>
<thead>
<tr>
<th>CODE</th>
<th>DESCRIPTION</th>
<th>MASS (kg)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5405024</td>
<td>FORM HANGING BRACKET</td>
<td>23.90</td>
</tr>
</tbody>
</table>
Application - Climbing

- Assembled Multi-Form Panel
- Multi-Form Access Bracket
- Tifa Propping System
- Form Support Bracket
- Form Hanging Bracket
- Scaffold Tube
- Safety Handrail
- Access Platform and Toe Board
## Lifting Beams

Tifa Lifting Beams must be used in conjunction with the Multi-Form Lifting Hooks to lift the Multi-Form System.

### CODE | DESCRIPTION | MASS(kg)
--- | --- | ---
5110093 | TIFA LIFTING BEAM 3300 C/W 2 CHAINS | 175.00

Two top lifting lugs are fitted with D shackles for the crane slings.

Six lug positions, at a spacing of 600mm, to locate the two vertical (1250mm long) chain slings that are provided with each Lifting Beam.

---

## Lifting Hooks

Multi-Form Lifting Hooks are used to lift the Multi-Form System.

### CODE | DESCRIPTION | MASS(kg)
--- | --- | ---
1605034 | MULTI-FORM LIFTING HOOK | 12.50

Attach the crane sling here.

Safety pin.

---

## Application - Lifting