Product Overview
High strength lightweight aluminium shoring system with built in safety and productivity features that maximise efficiency.

**Faster**
- Lightweight aluminium system with minimal loose parts - reduces labour requirements
- Unique load release mechanism - significantly decreases strike and dismantling time
- Simple single action connects all 4 frame blades - quickest frames to erect
- Unique single action spigot leg connection- faster, easier installation

**Easier**
- Maximum leg loading upto 120kN per leg - reduces number of legs required
- Increased propping range - increased versatility
- unique swivel base plate - quickly and easily accommodates slab falls

**Safer**
- Designed with increased safety - integrated ladder access, integrated platforms, board bearers, handrails and advancing handrails.
Applications

The increased performance of Alshor Plus will allow even greater support to shoring and formwork applications, including:

- Static slab support props or towers
- Tall birdcage assemblies
- Mobile and flying falsework tables
- Bridge, culvert, and tunnel falsework
- Slab back props and refurbishment props
- Support to Airodek soffit panel formwork
- Mobile and static access platforms
Features & Benefits

- **Minimal loose parts**
  Lightweight aluminium system with minimal loose parts - reduces labour requirements.

- **Leg loading up to 120kN/leg**
  Less support equipment needed, faster erection and in-situ adjustments are possible.

- **Improved on site safety**
  - Integral ladder access
  - Platforms
  - Board bearers
  - Handrails
  - Advancing handrail

- **Unique load release system**
  Significantly decreases strike and dismantling time.

- **Increased versatility**
  Increased propping range.

- **Quickest frames to erect**
  Simple, single action connects all 4 frame blades to leg pockets and locks them in.

- **Faster, easier installation**
  Variable ledger frame positioning.

- **Unique swivel base plate**
  Quickly and easily accommodates slab falls, increased safety.
In Detail

**Fast Connections**
The innovative connection of frame to leg using blades and latches means a frame can be fixed in 10 seconds, minimising erection and dismantle times. Leg to leg connection is made using a boltless snap-fix spigot reducing erect and dismantle times still further.

**Quick Strike**
The integral load release feature on the long jack allows the leg load to be struck with a single hammer blow, shortening the jack by 12mm. Jacks can then be lowered further by rotating the screw collar to provide adequate clearance to the cast soffit.

**Fixed Leg Pockets**
500mm spaced pockets means no measuring or checking of frame position when setting out. Fixed pocket locations ensure the erected structure is straight, reducing operator error, enhancing performance and improving safety.

**Base Rotation**
The long jack incorporates a spherical base which allows a tilt of up to ten degrees in one direction and two degrees in the other, eliminating load eccentricity by accommodating cross falls in slabs.

**Efficient**
A four start thread allows rapid jack adjustment with every three hundred and sixty degree rotation. Unique extruded grooves provide a self cleaning feature and also prevent the jack from rotating during adjustment and striking of the load. The integral measuring tape enables easy length setting and levelling, reducing assembly time.

**Labour Saving**
The 1250mm long jack extension range reduces the requirement for leg changes between building levels meanwhile less labour and equipment is required.
In Detail

Large Grid Sizes
With 120kN leg load capacity, larger grids can be achieved to minimise components and save erection time and labour cost. This is further enhanced with the use of the 3m width frame.

Horizontal Erection
Fixed position pockets enable towers to be assembled horizontally and then erected by crane whilst remaining straight, reducing working at height, improving safety and reducing programme times.

On Site Manoeuvrability
Alshor Plus comes with a range of accessories to ensure the easiest installation and manoeuvrability on site, including C-Hooks for easy movement between floors and castor units to quickly and safely move tables into position.

In Built Safety
Orange coloured hand rail units for easy identification, advancing guardrails, integrated ladder units and working platforms with hinged platform doors all contribute to ensure on site safety.

Reduced Erection Time
Leg to leg connection is made using a boltless snap-fix spigot reducing erect and dismantle times still further.
Projects

- **PROJECT**: Jebel Ali Sewage Treatment Plant
  **REGION**: MENA
  **STRUCTURES**: Industrial

- **PROJECT**: ALDAR Headquarters Building
  **REGION**: MENA
  **STRUCTURES**: Commercial

- **PROJECT**: Hitchin Viaduct
  **REGION**: Europe
  **STRUCTURES**: Bridges, Rail

- **PROJECT**: Isokon Building Glasgow
  **REGION**: Europe
  **STRUCTURES**: Hi-Rise

- **PROJECT**: New Wembley Stadium
  **REGION**: Europe
  **STRUCTURES**: Leisure, Stadiums

*Alshor Plus* A lightweight, aluminium shoring system.

PRODUCT BROCHURE
## Components

### Legs

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<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX31500</td>
<td>Alshor Plus Leg 1500mm</td>
<td>7.3kg</td>
</tr>
<tr>
<td>ASX32000</td>
<td>Alshor Plus Leg 2000mm</td>
<td>9.6kg</td>
</tr>
<tr>
<td>ASX32500</td>
<td>Alshor Plus Leg 2500mm</td>
<td>12.3kg</td>
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<tr>
<td>ASX33000</td>
<td>Alshor Plus Leg 3000mm</td>
<td>14.7kg</td>
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<td>ASX34000</td>
<td>Alshor Plus Leg 4000mm</td>
<td>19.6kg</td>
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<tr>
<td>ASX10013</td>
<td>Alshor Plus Spigot 6mm</td>
<td>2.5kg</td>
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<tr>
<td>ASX10020</td>
<td>Alshor Plus Straight Pin 16mm</td>
<td>0.1kg</td>
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### U Plate

<table>
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<th>Description</th>
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<tbody>
<tr>
<td>ASX10023</td>
<td>U Plate 270 x 220 x 6mm</td>
<td>4.0kg</td>
</tr>
<tr>
<td>BNX12001</td>
<td>M12 x 40 Bolt Gr8.8 BZP CSK</td>
<td>0.05kg</td>
</tr>
<tr>
<td>BNU12004</td>
<td>M12 Wing Nut Gr8 BZP</td>
<td>0.01kg</td>
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### U Heads

Note: Alshor Plus Straight Pin (ASX10020) must be used in tension applications.

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<th>Description</th>
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<tr>
<td>ASX10015</td>
<td>U Head 220 (w) x 10mm</td>
<td>6.6kg</td>
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<tr>
<td>ASX10059</td>
<td>Alshor Plus / Airodek U Head</td>
<td>5.4kg</td>
</tr>
<tr>
<td>ASX10066</td>
<td>Alshor Plus / Airodek U Head</td>
<td>4.2kg</td>
</tr>
<tr>
<td>ASX10056</td>
<td>Alshor Plus Superslim Clamp</td>
<td>0.7kg</td>
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Alshor Plus  A lightweight, aluminium shoring system.

Components

### Base Plate

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<tr>
<td>ASX10011</td>
<td>Alshor Plus Base 10mm</td>
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### Frames

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<tr>
<td>ASX41200</td>
<td>Alshor Plus Frame 1200mm</td>
<td>8.9kg</td>
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<td>ASX41800</td>
<td>Alshor Plus Frame 1800mm</td>
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<tr>
<td>ASX42400</td>
<td>Alshor Plus Frame 2400mm</td>
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<tr>
<td>ASX43000</td>
<td>Alshor Plus Frame 3000mm</td>
<td>16.9kg</td>
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### Ledgers

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<th>Weight</th>
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<tbody>
<tr>
<td>ASX81200</td>
<td>Alshor Plus Ledger 1200mm</td>
<td>4.9kg</td>
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<tr>
<td>ASX81800</td>
<td>Alshor Plus Ledger 1800mm</td>
<td>6.6kg</td>
</tr>
<tr>
<td>ASX82400</td>
<td>Alshor Plus Ledger 2400mm</td>
<td>8.4kg</td>
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<tr>
<td>ASX83000</td>
<td>Alshor Plus Ledger 3000mm</td>
<td>10.1kg</td>
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### Board Bearers

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<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX61200</td>
<td>Board Bearer 1200mm</td>
<td>5.7kg</td>
</tr>
<tr>
<td>ASX61800</td>
<td>Board Bearer 1800mm</td>
<td>7.9kg</td>
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<tr>
<td>ASX62400</td>
<td>Board Bearer 2400mm</td>
<td>10.2kg</td>
</tr>
<tr>
<td>ASX63000</td>
<td>Board Bearer 3000mm</td>
<td>15.2kg</td>
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### Brackets

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<tr>
<td>ASX10040</td>
<td>Alshor Drop Beam Bracket</td>
<td>1.6kg</td>
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Alshor Plus  A lightweight, aluminium shoring system.

Components

Tripod

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<th>Weight</th>
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<tbody>
<tr>
<td>ASX10060</td>
<td>Alshor Plus Tripod</td>
<td>11.0kg</td>
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Advancing Handrail

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<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX10057</td>
<td>Advancing Handrail 1200mm</td>
<td>13.3kg</td>
</tr>
<tr>
<td>ASX10058</td>
<td>Advancing Handrail 1800mm</td>
<td>15.6kg</td>
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Handrails

Note: Not to be used as supports to Board Bearers

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<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX71200</td>
<td>Alshor Plus Handrail 1200mm</td>
<td>3.2kg</td>
</tr>
<tr>
<td>ASX71800</td>
<td>Alshor Plus Handrail 1800mm</td>
<td>4.1kg</td>
</tr>
<tr>
<td>ASX72400</td>
<td>Alshor Plus Handrail 2400mm</td>
<td>4.8kg</td>
</tr>
<tr>
<td>ASX73000</td>
<td>Alshor Plus Handrail 3000mm</td>
<td>5.9kg</td>
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</table>

Ladder System

<table>
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<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX50001</td>
<td>Alshor Plus Bottom Ladder</td>
<td>4.8kg</td>
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<tr>
<td>ASX50002</td>
<td>Alshor Plus Starter Ladder</td>
<td>5.3kg</td>
</tr>
<tr>
<td>ASX51000</td>
<td>Alshor Plus Ladder 1000mm</td>
<td>3.7kg</td>
</tr>
<tr>
<td>ASX51500</td>
<td>Alshor Plus Ladder 1500mm</td>
<td>4.9kg</td>
</tr>
<tr>
<td>ASX52000</td>
<td>Alshor Plus Ladder 2000mm</td>
<td>6.1kg</td>
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Captive Deck System

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<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX10043</td>
<td>Alshor Plus Platform 1800 x 300mm</td>
<td>9.3kg</td>
</tr>
<tr>
<td>ASX10044</td>
<td>Alshor Plus Platform 1800 x 505mm</td>
<td>12.7kg</td>
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<tr>
<td>ASX10045</td>
<td>Alshor Plus Platform 1800 x 600mm</td>
<td>12.8kg</td>
</tr>
<tr>
<td>ASX10046</td>
<td>Alshor Plus Platform 2400 x 300mm</td>
<td>12.1kg</td>
</tr>
<tr>
<td>ASX10047</td>
<td>Alshor Plus Platform 2400 x 505mm</td>
<td>16.4kg</td>
</tr>
<tr>
<td>ASX10048</td>
<td>Alshor Plus Platform 2400 x 600mm</td>
<td>16.8kg</td>
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</table>

PRODUCT BROCHURE
Components

Castor Unit

Maximum loading = 800kg; Minimum allowable Jack extension = 350mm.

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>ASX10038</td>
<td>Alshor Plus Castor Unit</td>
<td>37.4kg</td>
</tr>
<tr>
<td>ASX10039</td>
<td>Alshor Plus Castor Unit Handle</td>
<td>8.4kg</td>
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C-Hook

<table>
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<th>Code</th>
<th>Description</th>
<th>Weight</th>
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</thead>
<tbody>
<tr>
<td>ASX10067</td>
<td>Twin Prong Table C-Hook</td>
<td>1002kg</td>
</tr>
<tr>
<td>ASX10042</td>
<td>'C' Frame Chain Accessories</td>
<td>91.0kg</td>
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Adjustable Pocket Assembly

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<tr>
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<th>Description</th>
<th>Weight</th>
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<tbody>
<tr>
<td>ASX10016</td>
<td>Alshor Plus Adjustable Pocket</td>
<td>2.7kg</td>
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<tr>
<td>SFU10014</td>
<td>2&quot; Half Coupler 18mm Dia Hole</td>
<td>0.5kg</td>
</tr>
<tr>
<td>BNX16018</td>
<td>M16x25 Set Pin gr8.8 BZP CSK</td>
<td>0.05kg</td>
</tr>
<tr>
<td>BNU16001</td>
<td>M16 Hex Nut gr8 BZP</td>
<td>0.03kg</td>
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Jack Coupler

<table>
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<tr>
<th>Code</th>
<th>Description</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>ASU10001</td>
<td>Jack Coupler</td>
<td>1.8kg</td>
</tr>
</tbody>
</table>
Services

Our service sets us apart...

With over 85 years of experience in the temporary works industry we understand the many and varied challenges that our customers face, whatever the size of your project. Whilst our product range provides us with the capability of supporting your project, it is our people that will make the difference.

Sales Support

Our sales team comprises a vast wealth of experience in the sector, helping us to understand your challenges and the opportunities to save you time and money.

Engineered Drawings

You will be provided with technical recommendations and layout drawings showing a level of detail sufficient to enable straightforward on-site erection. For specifically fabricated items comprehensive operating instructions will be provided.

Customer Service

We work with customers on all scale of projects and as such recognise that your requirements are all different. We provide a level of customer service to suit your requirements ranging from on site training to simple reordering of replacement parts.

Technical Expertise

Every project, large or small, requires unique system design. Our highly skilled team of engineers and technical experts will understand first your requirements, and provide a solution designed to exceed these. We do this through approaching projects with an open mind and a desire to provide the most appropriate solution.

Safety

RMD Kwikform prides itself on the inherent safety of our products and the solutions that we design. The construction industry’s greatest asset is its people and we design schemes and solutions with this in mind at all times.
Alshor Plus  A lightweight, aluminium shoring system.

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Our policy is one of continuous improvement and we reserve the right to change, alter or modify any detail, design, capacity, weight, dimension or code without prior notice being given.

The arrangements of equipment shown in photographs may have been assembled by others and therefore not reflect current best working practices or legislation requirements.

An Interserve Company

www.rmdkwikform.com

PRODUCT BROCHURE