

**R·M·D**  
**KWIKFORM**

Bringing  
structures  
to life



**PRODUCT BROCHURE**

**Alshor Plus**

RMD Kwikform South Africa

# Alshor Plus A lightweight, aluminium shoring system



## 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

### Safer

- Designed in safety - integrated ladder access, integrated platforms, board bearers, handrails

### 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



# Alshor Plus A lightweight, aluminium shoring system



## 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



# Alshor Plus A lightweight, aluminium shoring system



## 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.
- **Improved on site safety**

  - Integral ladder access
  - Platforms
  - Board bearers
  - Handrails
- **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.
- **Faster, easier installation**  
Variable ledger frame positioning.
- **Unique swivel base plate**  
Quickly and easily accommodates slab falls, increased safety.



Alshor labour saving



# Alshor Plus A lightweight, aluminium shoring system



## In Detail

### Easy To Use



#### Fixed Leg Pockets

Means no measuring or checking of frame position when setting out, just count the pockets. Fixed pocket locations ensure the erected structure is straight, reducing operator error, enhancing performance and improving safety.



#### 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.



#### Reduced Erection Time

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



#### Fast Connections

The innovative connection of frame to leg using blades and latches means a frame can be fixed in 10 seconds, minimising erect and dismantle times.

# Alshor Plus A lightweight, aluminium shoring system



Raine Square



## In Detail

### Fast & Efficient



#### Labour Saving

1250mm jack range reduces leg changes between building levels which means less labour and equipment is required.



#### Base Rotation

Ball and cup jack base provides 10 and 2.5 degree base rotation, reducing load eccentricity, increasing load capacity and enabling sloping foundations or slabs to be accommodated with ease.



#### Time Efficient

A fast self cleaning jack thread form of 25mm per handle turn enables fast length adjustment. The integral measuring tape enables fast and accurate pre-set to length, reducing assembly time.



#### Quick Strike Jacks

An integral load release feature means the leg load can be struck with a single hammer blow, increasing productivity and reducing operator fatigue, equipment damage and site noise.

# Alshor Plus A lightweight, aluminium shoring system



## Projects



**PROJECT**  
Longhorn Stadium

**REGION**  
South America

**STRUCTURES**  
Stadiums



**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



**PROJECT**  
Jebel Ali Sewage Treatment Plant

**REGION**  
MENA

**STRUCTURES**  
Industrial

## Components

### Accessories



Code	Description	Weight
ASX50001	Alshor Plus Bottom Ladder	5.5kg
ASX50002	Alshor Plus Starter Ladder	5.6kg
ASX51000	Alshor Plus Ladder 1000m	4.1kg
ASX51500	Alshor Plus Ladder 1500m	5.5kg
ASX52000	Alshor Plus Ladder 2000m	7.0kg

### Board Bearers



Code	Description	Weight
ASX61200	Alshor Plus Board Bearer 1200mm	5.7kg
ASX61800	Alshor Plus Board Bearer 1800mm	7.9kg
ASX62400	Alshor Plus Board Bearer 2400mm	10.0kg
ASX63000	Alshor Plus Board Bearer 3000mm	15.0kg

### Captive Deck System



Code	Description	Weight
ASX10043	Alshor Plus Platform 1800 x 300mm	9.34kg
ASX10044	Alshor Plus Platform 1800 x 505mm	12.7kg
ASX10045	Alshor Plus Platform 1800 x 600mm	12.8kg
ASX10046	Alshor Plus Platform 2400 x 300mm	12.1kg
ASX10047	Alshor Plus Platform 2400 x 505mm	16.7kg
ASX10048	Alshor Plus Platform 2400 x 600mm	16.8kg



## Components

### Jacks



Code	Description	Weight
ASX10012	Alshor Plus Jack - Adj = 190-1250mm	15.6kg
ASX10030	Alshor Plus Jack - Adj = 120-750mm	11.8kg
ASX10029	Alshor Plus Jack Spanner	4.9kg

### Braces



Code	Description	Weight
ASX91200	Adjustable Jack Brace - s 1200mm	10.5kg
ASX91800	Adjustable Jack Brace - m 1800mm	11.8kg
ASX92400	Adjustable Jack Brace - l 2400mm	13.9kg
ASX10050	Alshor Plus Leg to Leg Brace	14.8kg

### Brackets



Code	Description	Weight
ASX10040	Alshor Drop Beam Bracket	1.4kg

# Alshor Plus A lightweight, aluminium shoring system

## Components

### C-Hook



Code	Description	Weight
ASX10067	Twin Prong Table C-Hook	1002kg

### Frames



Code	Description	Weight
ASX41200	Alshor Plus Frame 1200mm	8.8kg
ASX41800	Alshor Plus Frame 1800mm	12.3kg
ASX42400	Alshor Plus Frame 2400mm	14.3kg
ASX43000	Alshor Plus Frame 3000mm	16.9kg

### Castor Unit



Code	Description	Weight
ASX10038	Alshor Plus Castor Unit	37.4kg
ASX10039	Alshor Plus Castor Unit Handle	8.5kg

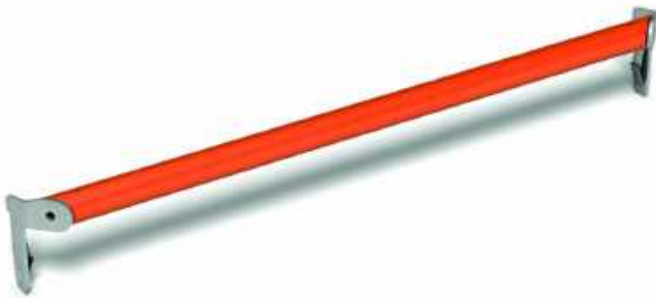
## Components

### Frames



Code	Description	Weight
ASX41200	Alshor Plus Frame 1200mm	8.8kg
ASX41800	Alshor Plus Frame 1800mm	12.3kg
ASX42400	Alshor Plus Frame 2400mm	14.3kg
ASX43000	Alshor Plus Frame 3000mm	16.9kg

### Guardrails



Code	Description	Weight
ASX71200	Alshor Plus Guardrail 1200mm	3.2kg
ASX71800	Alshor Plus Guardrail 1800mm	4.1kg
ASX72400	Alshor Plus Guardrail 2400mm	4.8kg
ASX73000	Alshor Plus Guardrail 3000mm	5.8kg

### Head & Base Plates



Code	Description	Weight
ASX10023	Alshor Plus U Plate 220 wide x 6mm	4.0kg
ASX10015	Alshor Plus U Head 220 wide x 10mm	4.8kg
ASX10011	Alshor Plus Base 10mm (size 200 x 170 x 10mm)	3.4kg
ASX10059	Alshor Plus Perimeter U Head	5.4kg
ASX10066	Alshor Plus/Airodek U Head	4.12kg
ASX10056	Alshor Plus Superslim Clamp	0.7kg

# Alshor Plus A lightweight, aluminium shoring system

## Components

### Ledgers



Code	Description	Weight
ASX80900	Alshor Plus Ledger 900mm	4.0kg
ASX81200	Alshor Plus Ledger 1200mm	4.9kg
ASX81800	Alshor Plus Ledger 1800mm	6.6kg
ASX82400	Alshor Plus Ledger 2400mm	8.4kg
ASX83000	Alshor Plus Ledger 3000mm	10.1kg

### Legs



Code	Description	Weight
ASX21250	Alshor Plus Leg outer 1250	5.9kg
ASX31500	Alshor Plus Leg 1500mm	7.5kg
ASX32000	Alshor Plus Leg 2000mm	8.0kg
ASX32500	Alshor Plus Leg 2500mm	12.5kg
ASX33000	Alshor Plus Leg 3000mm	15.0kg
ASX34000	Alshor Plus Leg 4000mm	20.0kg
ASX10013	Alshor Plus Spigot 6mm	2.2kg
ASX10020	Alshor Plus Straight Pin 16mm	0.3kg

### Tripod



Code	Description	Weight
ASX10060	Alshor Plus Tripod	11.0kg

## Components

Trolley



Code	Description	Weight
ASX10014	Alshor Plus 3 Wheeled Trolley	84.6kg

# Alshor Plus A lightweight, aluminium shoring system



## 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 straight forward 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.



## Contacts

### RMD KWIKFORM SOUTH AFRICA

#### HEAD OFFICE

52 Jakaranda St, Plot 22,  
Hennospark Centurion 0046  
Tel: +27 12 004 1000  
Email: info.sa@rmdkwikform.com

#### CENTURION

52 Jakaranda St, Plot 22,  
Hennospark Centurion 0046  
Tel: +27 12 681 0360  
Email: info.sa@rmdkwikform.com

#### NELSPRUIT

11 Wilken Street, Rocky Drift,  
Nelspruit, Mpumalanga  
Tel: +27 13 758 9440/1  
Fax: +27 13 758 9450  
Email: info.sa@rmdkwikform.com

#### BLOEMFONTEIN

51 Sand du Plessis Avenue,  
Eastoore, Bloemfontein, 9323 SA  
Tel: +27 51 406 3220  
Email: info.sa@rmdkwikform.com

#### DURBAN

Unit 1, Greystone off Ramp, 135 Old  
North Road, Glen Anil, Durban  
Tel: +27 31 569 9060  
Email: info.sa@rmdkwikform.com

#### CAPE TOWN

28 Chardonnay Street, Saxonburg  
Park, Kuils River, 75580, Cape Town  
Tel: +27 21 300 1400  
Email: info.sa@rmdkwikform.com

#### JOHANNESBURG

El Ridge Business Park, Cnr  
Elizabeth & Ridge Road, Boksburg  
Tel: +27 11 568 1080  
Email: info.sa@rmdkwikform.com

### WORLDWIDE CONTACTS

#### RMD KWIKFORM UNITED KINGDOM

Tel: +44 1922 743743  
Fax: +44 1922 743400  
Email: info@rmdkwikform.com

#### RMD KWIKFORM SINGAPORE

Tel: +65 6863 4252  
Fax: +65 6863 4275  
Email: rmd.singapore@rmdkwikform.com

#### RMD KWIKFORM QATAR

Tel: +974 4465 3034  
Fax: +974 4465 3282  
Email: rmd.qatar@rmdkwikform.com

#### RMD KWIKFORM SAUDI ARABIA

Tel: +966 13 882 5444  
Fax: +966 13 882 6460  
Email: rmd.ksa@rmdkwikform.com

#### RMD KWIKFORM IRELAND

Tel: +353 (0)1 830 2500  
Fax: +353 (0)1 830 2741  
Email: info@rmdkwikform.com

#### RMD AUSTRALIA

Tel: +61 (0) 8 8179 8200  
Fax: +61 (0) 8 8179 8201  
Email: rmd.australia@rmdformwork.com

#### RMD KWIKFORM PHILIPPINES

Tel: +632 696 7635  
Fax: +632 661 6456  
Email: rmd.manila@rmdkwikform.com

#### RMD KWIKFORM BAHRAIN

Tel: +973 1738 2724  
Fax: +973 1738 2624  
Email: rmd.bahrain@rmdkwikform.com

#### RMD KWIKFORM INDIA

Tel: +91 44 4915 3333  
Fax: +91 44 4207 9334  
Email: rmd.india@rmdkwikform.com

#### RMD KWIKFORM ESPAÑA

Tel: +34 91 555 6104  
Fax: +34 91 555 4745  
Email: rmd.madrid@rmdkwikform.com

#### RMD KWIKFORM HONG KONG

Tel: +852 2415 4882  
Fax: +852 2745 0232  
Email: rmd.hongkong@rmdkwikform.com

#### RMD KWIKFORM UAE

Tel: +971 6 553 4173  
Fax: +971 6 553 4327  
Email: rmd.uae@rmdkwikform.com

#### RMD KWIKFORM OMAN

Tel: +968 2449 6037  
Fax: +968 2449 5836  
Email: rmd.oman@rmdkwikform.com

#### RMD KWIKFORM USA

Tel: +1 303 252 7000  
Fax: +1 303 252 7319  
Email: usa@rmdkwikform.com

#### RMD KWIKFORM DBME

Tel: +971 6 553 4173  
Fax: +971 6 553 4327  
Email: rmd.me@rmdkwikform.com