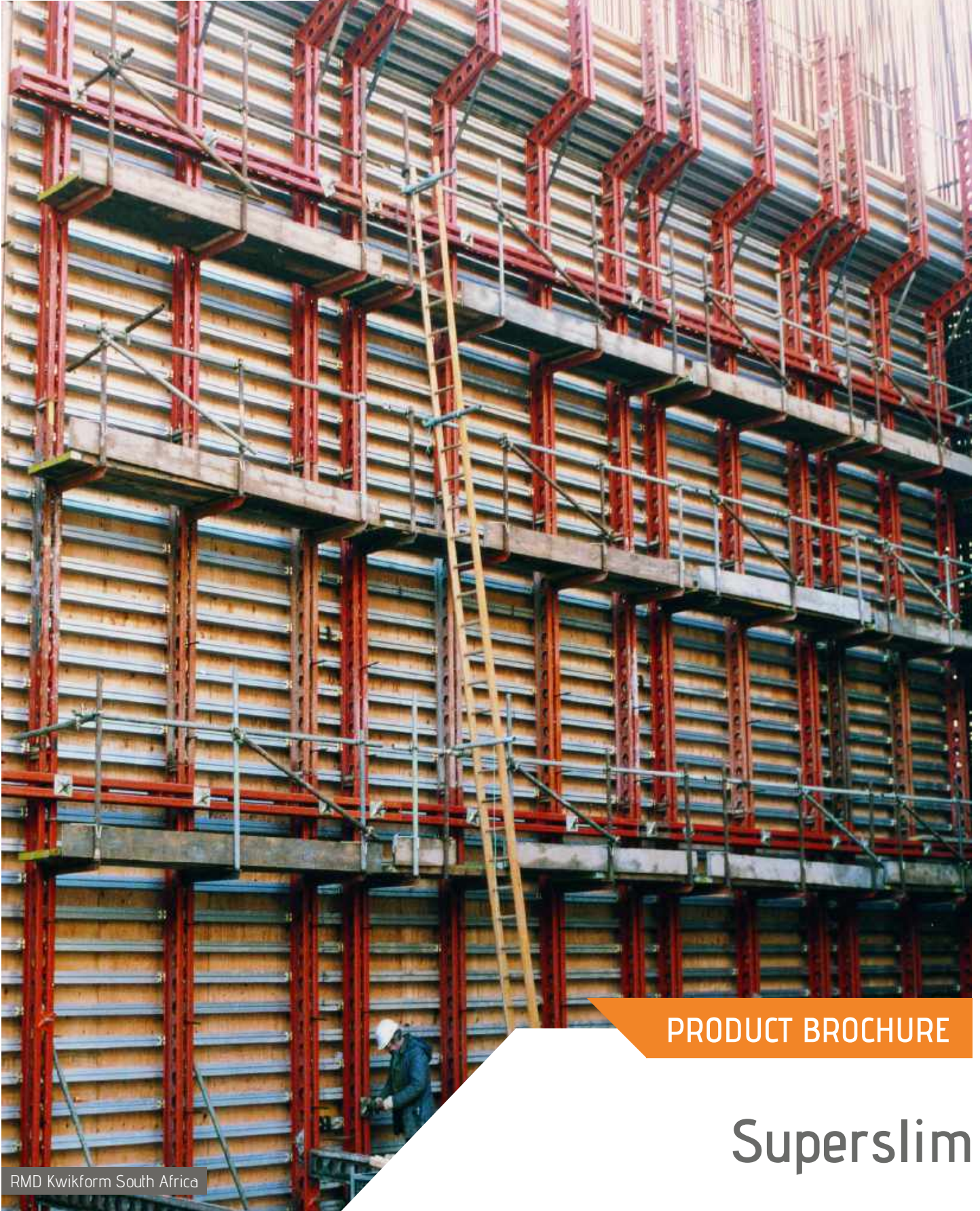


R·M·D
KWIKFORM

Bringing
structures
to life



PRODUCT BROCHURE

Superslim

RMD Kwikform South Africa

Superslim The definitive formwork primary beam



Product Overview

The Superslim soldier is the definitive formwork primary beam. Robust and easily assembled into beams of almost any length, the Superslim soldier can be used in numerous temporary works applications.

Faster

- Standard fixtures and clamps ensure optimum on-site efficiency
- Formwork ties and other components can be fixed almost anywhere along the Superslim Soldier's length allowing for best on-site productivity and optimum scheme design
- Robust to cope with the demands of frequent re-use providing easy assembly and consistency for optimum fabrication on-site

Safer

- Manufactured from high yield steel to provide maximum load capacity
- Proven performance time after time

Easier

- Compatible with all other RMD Kwikform product ranges making it extremely versatile
- Huge range of standard accessories provide the versatility to tackle an almost limitless range of applications



Superslim The definitive formwork primary beam



Applications

Available in nine lengths, and with a comprehensive range of accessories, the Superslim soldier can be assembled into:

- Wall formwork panels
- Bridge cantilever edge and deck supports
- Composite bridge deck formwork
- Travelling gantries
- Vertical and raking shores
- Spanning beams and trusses
- Support structures for temporary site buildings
- Façade retention / space frames



Superslim The definitive formwork primary beam



Features & Benefits

The Superslim soldier is the definitive formwork primary beam, with its unrivalled strength-to-weight ratio, versatility and range of accessories. Robust and easily assembled into beams of almost any length, the Superslim soldier can be re-used on site after site, in numerous temporary works applications.

■ Any length of beam

Nine standard lengths, from 10mm to 3600mm, give almost unlimited scope for assembling beams of virtually any length.

■ Versatile

Versatility to tackle diverse applications demanded by major projects - gantries, shoring, spanning trusses and frames, as well as formwork panels.

■ Compatible

Fully compatible with other RMD Kwikform product ranges and, in many cases, with customers' own equipment.

■ Freedom to create

Complete freedom to create the optimum design, whatever the application.

■ Precisely manufactured

Combines maximum durability and load capacity with reduced unit weight.

■ Robust

Easy assembly and consistently accurate fabrication on-site.



Superslim The definitive formwork primary beam



superslim

In Detail



Can be assembled into practically any length

Because they can be assembled into practically any length, Superslim soldiers are frequently used as raking push-pull props, as well as vertical shoring.



Ideal as primary beams

Superslim soldiers are ideal as primary beams on shoring or scaffolding to support reinforced concrete slab construction.



Can be assembled with ease into frames and trusses

Using system clamps, scaffold tube and other accessories, Superslim soldiers can be assembled with ease into frames and trusses for façade retentions, multi-level supports to temporary site offices, cantilever supports, exhibition stands and film sets.



Construct straight, curved, conical or other formwork configurations

When using a plywood form face together with one of RMD Kwikform's Aluminium secondary beams or timber beams, Superslim soldiers can be used to construct straight, curved, conical or other complex formwork configurations: RMD Kwikform supplies brackets for attaching access walkways on formwork panels.



Projects



PROJECT
The Umengi Interchange
Development Project

REGION
Africa

STRUCTURES
Bridges, Roads



PROJECT
North East Waste Water
Treatment Works

REGION
Africa

STRUCTURES
Water Works



PROJECT
Phosphate Hangar

REGION
Africa

STRUCTURES
Industrial, Mining



PROJECT
Kai Tak Cruise Terminal
Building

REGION
Asia Pacific

STRUCTURES
Airports and Ports, Commercial



PROJECT
Basra Sports Stadium

REGION
MENA

STRUCTURES
Stadiums



PROJECT
London's Tate Modern Gallery

REGION
Europe

STRUCTURES
Leisure

Components

6-Way connector



Code	Description	Weight
SSU20006	6-Way connector	25kg

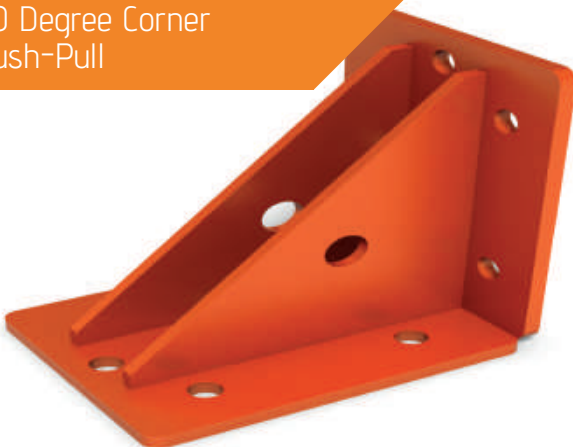
A node to connect six soldiers at right-angles

6-Way Double Connector



Code	Description	Weight
SSU20066	6 Way Double Connector	37.68kg

90 Degree Corner Push-Pull



Code	Description	Weight
SSU 10003	90 Degree Corner Push-Pull	8.66kg

Allows connection of two soldiers at right angles and/or the connection of a heavy-duty push-pull prop

Components

Access Bracket



Code	Description	Weight
SSU10031	Bracket - Access	6.65kg

Supports boards where access is required - AWL = 3.2 kN UDL

Adjustable Base



Code	Description	Weight
SSU10025	Adjustable Base	18.97kg

Spreads and transfers loads from Superslim props where length adjustment is necessary - AWL150 kN (100kN when load is released via the jack handle).

Adjustable Rocking Head



Code	Description	Weight
SSU10026	Adjustable Rocking Head	24.57kg

Supports header beams where length adjustment is required - Adjustable range 440-590mm - AWL= 150kN (100kN where length adjustment is required)

Components

Alform to Superslim Soldier Clamp Assembly



Code	Description	Weight
AFX20012	Clamp Assembly - Superslim	0.21kg

Anchor Plate



Code	Description	Weight
SSU10036	Anchor Plate	7.40kg
Secures the end of a soldier to a floor or wall - AWL: = 70 kN Tension / 90 kN Shear		

B Clamp



Code	Description	Weight
RPX10005	B Clamp Tube to Panel	0.7kg
AWL = 3.25 kN/pair		

Components

Bolts, Nuts and Pins



Code	Description	Weight
BNX16002	Set Pin M16 x 40 HT	0.09kg
BNX20030	M20 x 90 Bolt GR 8.8 BZP	0.28kg
BNX24002	M24 x 110 Bolt GR 8.8 BZP	0.48kg
BNU16001	Nut M16 Hexagonal Plated	0.03kg
BNU20001	Nut M20 Hexagon	0.06kg
BNU24001	Nut Hexagon M24	0.01kg
SSX10046	Superslim 19mm Pin & R Clip	0.29kg
SSX10044	Superslim 19mm Pin	0.27kg
MSX10042	Megashor Connector Pin	0.32kg

Corner Pivot



Code	Description	Weight
SSU10019	Superslim Corner Pivot	7.29kg

SWL = 65kN / Pivot

Dual Purpose Jack and Adapter Tube



Code	Description	Weight
SSX90043	Universal Soldier Jack	5.5kg
SSU10009	Tube - Jack Adaptor	1.24kg

Used to adjust level in wall form applications and to adjust plumb in climbing formwork - Adjustable Range = 105-170mm AWL = 10 kN Level / 40 kN Plumb

Components

G Clamp - Tube Type M16



Code	Description	Weight
RPX10008	G Clamp	0.6kg
Connects scaffold tube to the soldier (does not project above the tube surface)		

High-Load Waler Plate 20mm RBT System



Code	Description	Weight
BTX10029	Waler Plate - Hi Load 160 kN	6.84kg
Used where higher loads are required		

Joint Stiffener



Code	Description	Weight
SSU 10010	Joint Stiffener	1.44kg
BNU16013	Bolt M16 x 110 Gd 8.8 plated	0.2kg
BNU16001	Nut M16 Hexagonal plated	003kg
AWL = 20kN bending / 150 kN tension		

Components

Lifting Plate



Code	Description	Weight
SSU10032	Lifting Plate	3.19kg
SSX10046	Superslim 19mm pic & clip	0.219kg

Used in pairs with spreader beams to lift forms - AWL = 30 kN / pair

Pivot Cleat Set



Code	Description	Weight
SSU 10028	Pivot Cleat set	8.75kg

Range = 55 degrees min, 220 degrees max

Prop Jacks LH and RH



Code	Description	Weight
SSU10007	Prop Jack (L) - Adjustable	14.48kg
SSU10008	Prop Jack (R) - Adjustable	14.48kg

Converts soldiers into heavy duty push-pull props - Adj Range = 405-635mm / AWL = 100 kN

Components

Prop Spade End Link & Prop Pivot Tube



Code	Description	Weight
SSU10012	Spade End Link - Prop	3.09kg
SSU10004	Spade End Link - Prop	1.81kg

Connects a heavy duty push-pull prop to the porthole of another soldier - AWL = 65 kN

Prop Tube End Link



Code	Description	Weight
SSU10013	Tube End Link - Prop	2.88kg

Connects heavy duty push-pull props to Megashor - AWL = 100 kN

Rocking Head



Code	Description	Weight
SSU10023	Rocking Head	4.31kg
SSU10029	Washer	0.02kg

BNX1005 M10x20 Set Pin Gr 8.8 BZP 0.03kg

Maximum angle of tilt = 28 degrees, AWL=150 kN

Components

Slimshor Porthole Bearing



Code	Description	Weight
SSX10039	Porthole Bearing	2.00kg
BTX10017	Nut - Hexagon 50mm	0.16kg

Connects a diagonal tie into the porthole of a soldier - AWL = 65 kN in Tension

Slimshor Tube Clamp



Code	Description	Weight
SSU10024	Slimshor Tube Clamp	1.3kg

Connects scaffold lacing tubes to soldiers allowing rotation

Superslim Soldier Beams



Code	Description	Weight
SSX13600	Superslim Soldier 3600mm	72.18kg
SSX12700	Superslim Soldier 2700mm	55.38kg
SSX11800	Superslim Soldier 1800mm	38.80kg
SSX10900	Superslim Soldier 900mm	22.00kg
SSX10720	Superslim Soldier 720mm	18.74kg
SSX10540	Superslim Soldier 540mm	15.24kg
SSX10360	Superslim Soldier 360mm	11.98kg
SSX10090	Superslim Soldier 90mm	7.32kg
SSU10035	Superslim Soldier - Open End 360mm	11.69kg
SSX10040	End Plate 10mm	2.91kg

Components

Spreader Beam Adaptor



Code	Description	Weight
SSX10052	Spreader Beam Adaptor	9.35kg
SSU10004	Tube - Prop Pivot	1.81kg

Used to attach and spread chains in lifting applications - AWL = 30 kN½ per unit AWL of Spreader Beam = 60 kN (see technical data sheets)

Tilt Plate



Code	Description	Weight
SSU10034	Tilt Plate	4.81kg

Connects heavy duty push-pull props to a surface - AWL = 100 kN

Timber Waling Clamp Assembly



Code	Description	Weight
BNU10054	Bolt Metric Waling 117 x 117	0.3kg
BNU10055	Bolt Metric Waling 176 x 127	0.42kg
SSU10017	Clamp plate Waling	0.4kg
BNX20014	Washer - 50 x 50 x6 x 18mm	0.12kg
BNU16001	Nut - M16 Hexagonal Plated	0.03kg

Connects Soldiers to timber waling

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Components

Turnbuckle and Plumbing Foot



Code	Description	Weight
SSU10016	Turnbuckle 914-1160	8.42kg
SSU10033	Plumbing Foot	11.51kg
SSX10046	19mm pin & clip	0.219kg

Transfers and spreads the load from tie bars

Waler Plate - 15mm RBT System



Code	Description	Weight
BTX10004	Waler Plate - Heavy Duty 90 kN	1.76kg
BTX10021	Waler Plate - Standard 75 kN	1.35kg
BTX10014	Waler Plate - Light 55 kN	1.13kg

Transfers and spreads the load from tie bars

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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.



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