



Panels

An aluminium framework with 9mm thick phenolic faced hardwood plywood inlaid into the frame.

Code	Description	Weight
ADX18090	Panel 1800mm x 900mm	24.9 Kg
ADX18060	Panel 1800mm x 600mm	19.8 Kg
ADX18030	Panel 1800mm x 300mm	12.7 Kg
ADX90090	Panel 900mm x 900mm	13.2 Kg
ADX09060	Panel 900mm x 600mm	10.4 Kg
ADX09030	Panel 900mm x 300mm	6.7 Kg

Capable of being used for concrete decks up to 450mm thick.



Decking Beams

Airodek Deck Beams locate onto crowns/dropheads and provide support and alignment to the panels.

Code	Description	Weight
ADX33000	Airodek Decking Beam - 3000mm	23.0 Kg
ADX32400	Airodek Decking Beam - 2400mm	18.0 Kg
ADX31800	Airodek Decking Beam - 1800mm	13.0 Kg

HD Crown and Sleeve Clip

Code	Description	Weight
ADX20015	Airodek HD Crown	1.33 Kg
RSX10009	Rapidshor Sleeve Clip	0.11 Kg

Assembly Prop

A minimum of 2 are required on each project. The prop head has a positive locking facility which will prevent the prop from being kicked away accidentally. The lock must only be used during assembly and not during dismantling.

Code	Description	Weight
ADX20013	Airodek Assembly Prop	4.5 Kg

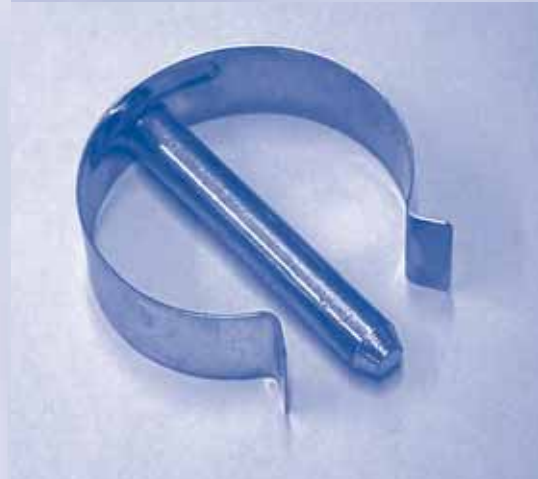
Adjustable range: 2.3m closed to 4.0m fully open.



Infill Bracket & Support Block

The Airodek Infill Bracket & Support Block is for use in conjunction with the Airodek Crown, to provide a support for Aluminium or timber beams in a close-to-wall situation where other supports, like props, would be difficult to use.

Code	Description	Weight
ADX20026	Airodek Infill Bracket	2.02 Kg
ADX20027	Support Block	0.81 Kg



Timber Support Bracket

This unit will clip into a crown adjacent to a wall. A timber beam can be placed on top with a strip of plywood to complete the infill area between the panel and the wall.

Code	Description	Weight
ADX20011	Airodek Timber Support Bracket	0.49 Kg



Prop Pin

Allows the quick release of the applied load in the props by lowering the panel and inner section of the prop by 4mm, enabling easy and damage-free removal of Airodek panels.

Code	Description	Weight
ADX20012	Prop Pin	0.8 Kg
ADX20024	Prop Assembly	24.03 Kg

Restraints

Upper restraint locates via mushroom bolt on rear of cantilevered beam for overturning/side form load restraint. Lower restraint transfers loadings from the upper restraint into the slab.

Code	Description	Weight
PSX20008	Paraslim Tilt Plate	2.38 Kg
SSU10019	Corner Pivot	1.95 Kg
AFX20013	Alform Splice Clamp Block	3.15 Kg
ADX10002	Web Strap 8cm c/w Ratchet	2.0 Kg
FAU10015	HSB Excalibur 12 x 75	4.3 Kg
BNU20015	Bolt M20 x 100 Gd 8.8	0.36 Kg
BNU12001	Nut - M12 Hexagon	0.02 Kg

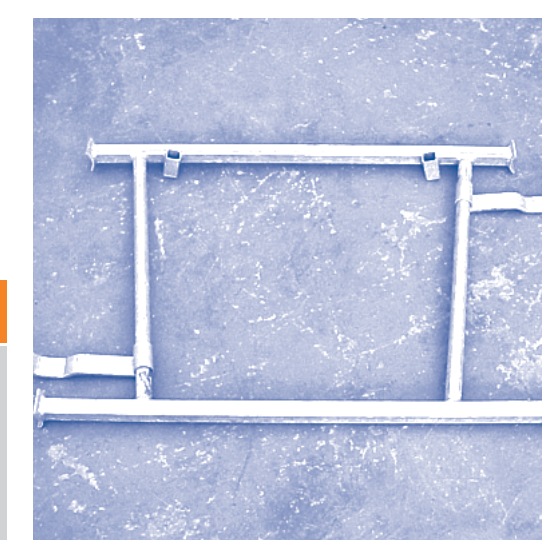


Spacing Gate

The gate frames are attached to the lower section of the props to give the correct spacing. Only light use of a claw hammer is necessary to lock the frames in position.

Code	Description	Weight
ADX20007	Spacing Gate 1.8m	15.0 Kg
ADX20006	Spacing Gate 0.9m	11.4 Kg
ADX20008	Spacing Gate leg	2.5 Kg

Note: Do not use as a support for access platforms etc.



Props

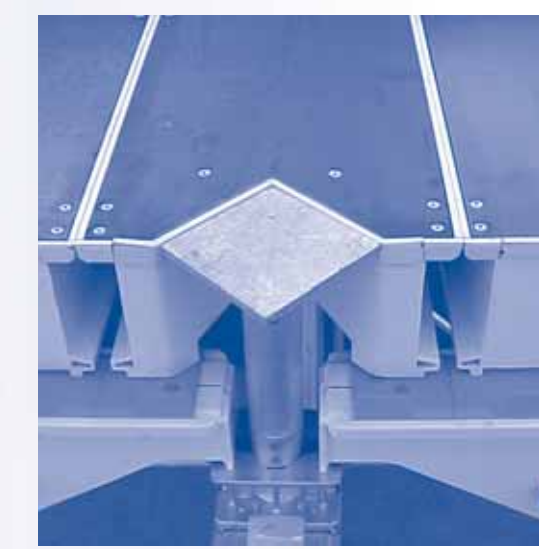
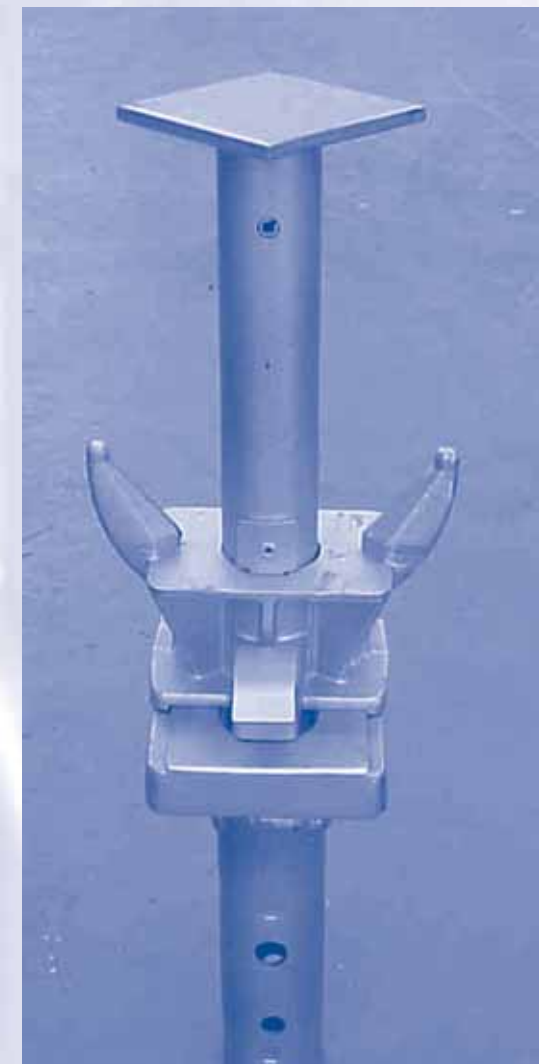
Props are supplied with a painted band to allow speedy and accurate assembly of gates and legs.

Code	Description	Weight
ADX20005	Prop 2150 - 3520mm	23.6 Kg

Drophead

With 70mm stripping facility for use on slabs which require backpropping, or early removal of the panels and beams.

Code	Description	Weight
ADX30001	Airodek Drophead	7.4 Kg
RSX10009	Rapidshor Sleeve Clip	0.11 Kg
ADX30003	Airodek Drophead Panel 1800mm	13.2 Kg
ADX30004	Airodek Drophead Panel 900mm	7.3 Kg



Infill Beams

These beams are used where a panel will not fit, eg. where a column interrupts a row of panels. The Infill Beams locate in the crown or the Deck Beam and also span from Infill to Infill supporting 19mm thick plywood.

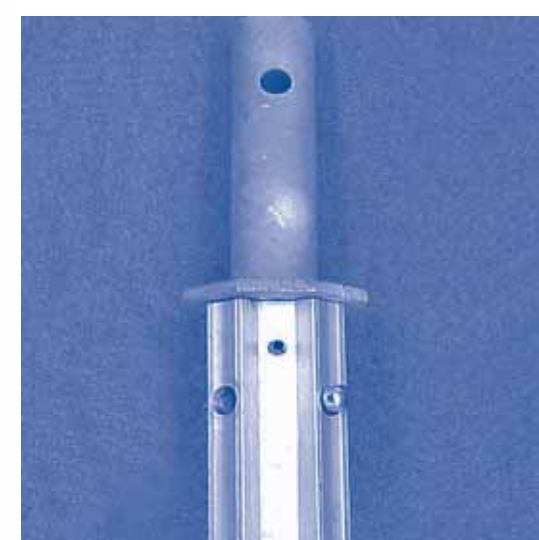
Code	Description	Weight
ADX20003	Airodek Infill Beam - 1800mm	9.9 Kg
ADX20004	Airodek Infill Beam - 900mm	6.6 Kg



Alshor Drophead Adapter

Transition unit ensuring adaptability of drophead with Alshor Plus shoring system. Secured to drophead using Sleeve Clip.

Code	Description	Weight
ADX30002	Airodek Alshor Adapter	2.16 Kg
ADX10003	Airodek Rapidshor Adapter	2.29 Kg
ADX10011	Airodek Universal Adapter	3.27 Kg



Guardrail Accessories

Guardrail posts connect onto the crown and are secured by the edge of the aluminium panel. A toeboard can be placed in the open slot above the panel and fixed to the handrail with a conventional toeboard clip. Guardrails can be fastened to the post using normal couplers.

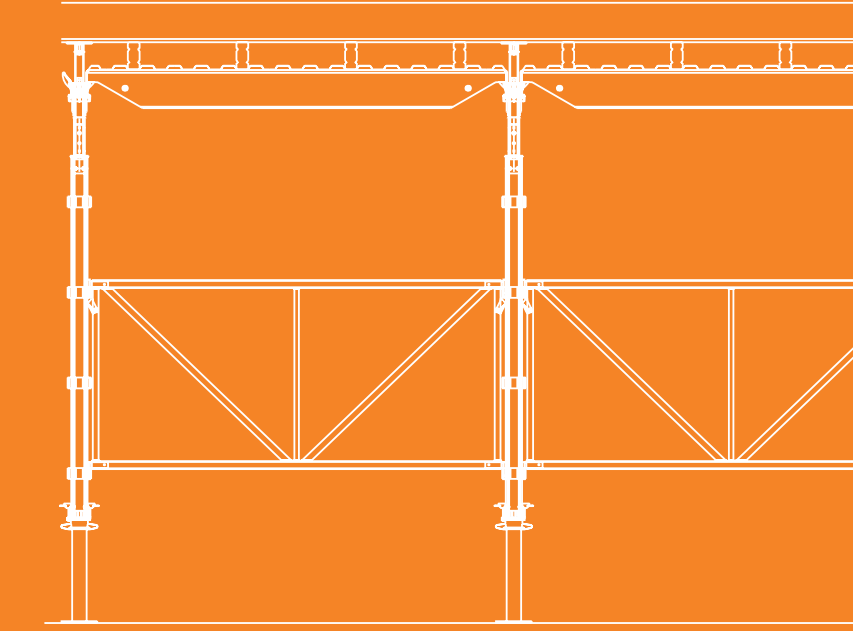
Code	Description	Weight
ADX20021	Airodek Crown Guardrail Post	7.5 Kg
ADX20018	Airodek Crown Guardrail Socket	5.9 Kg
ADX20016	Deck Beam Guardrail Socket	6.6 Kg
ADX10004	Drophead Guardrail Socket	8.5 Kg
SAX12550	Ultraguard Barrier 2550mm	17.3 Kg
SAX13150	Ultraguard Barrier 3150mm	25.0 Kg
RSX41000	Rapidshor Standard 1000mm	5.3 Kg



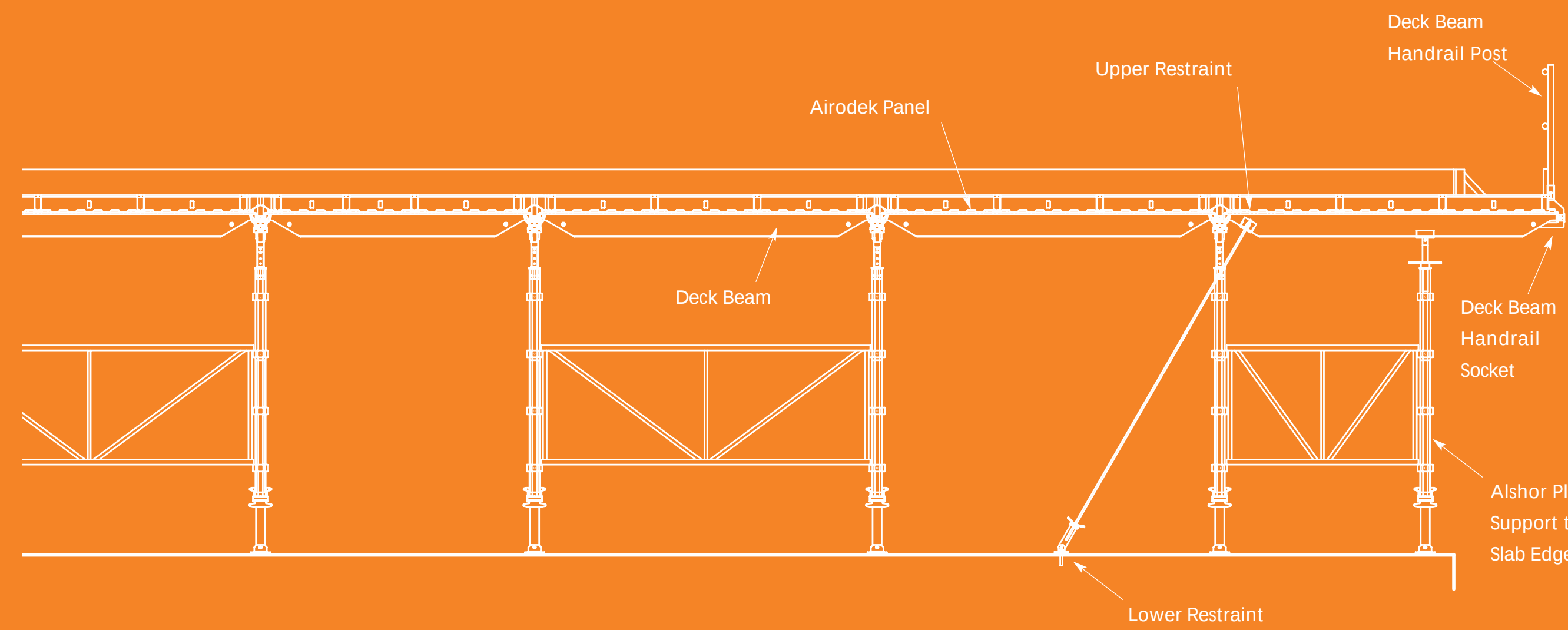
Option 3

Skeletal System

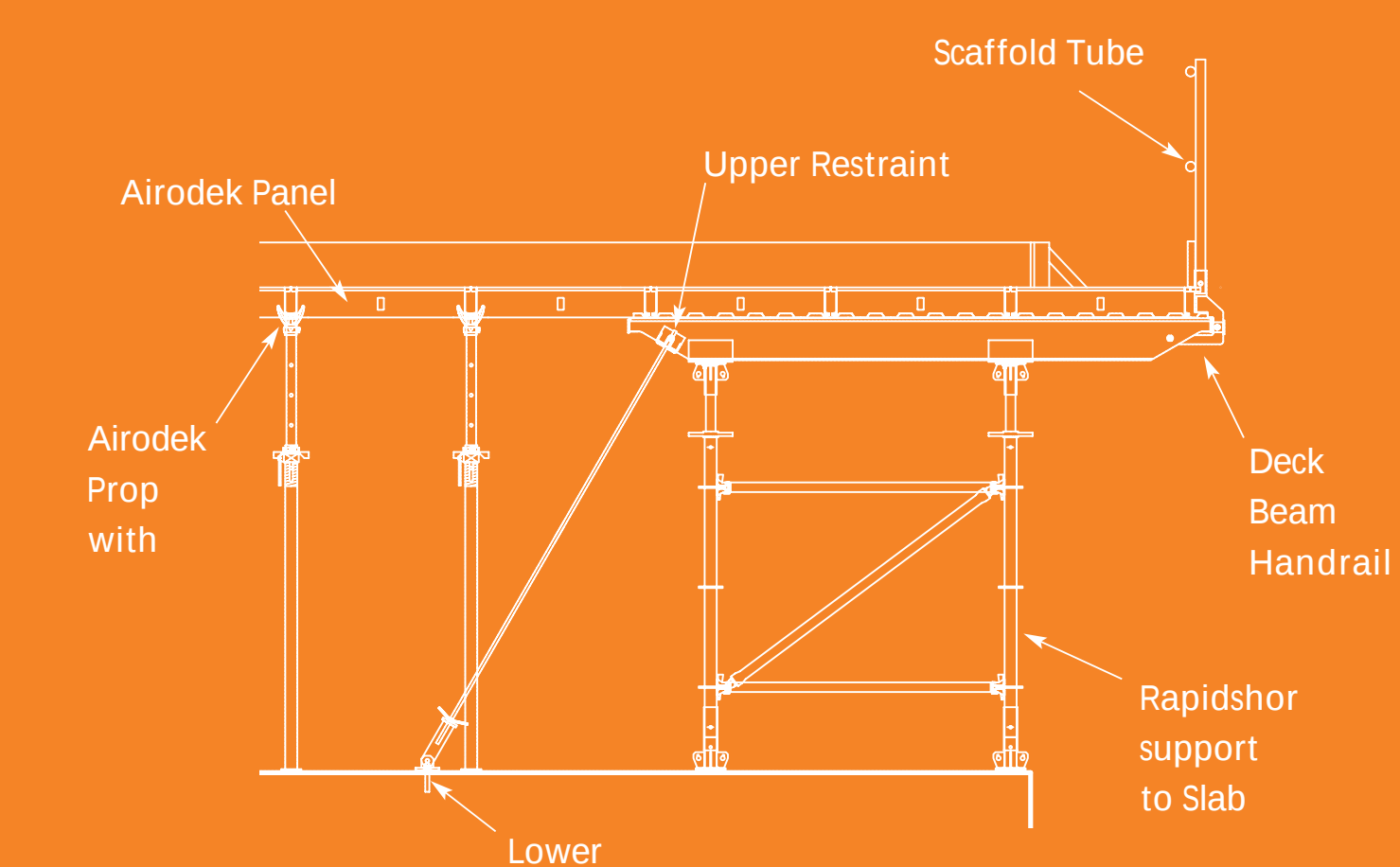
The deck beam and GTX soffit beams are lowered by 70mm, leaving the plywood, drophead and shoring



Slab Edge Detail (option 2) - Beam System

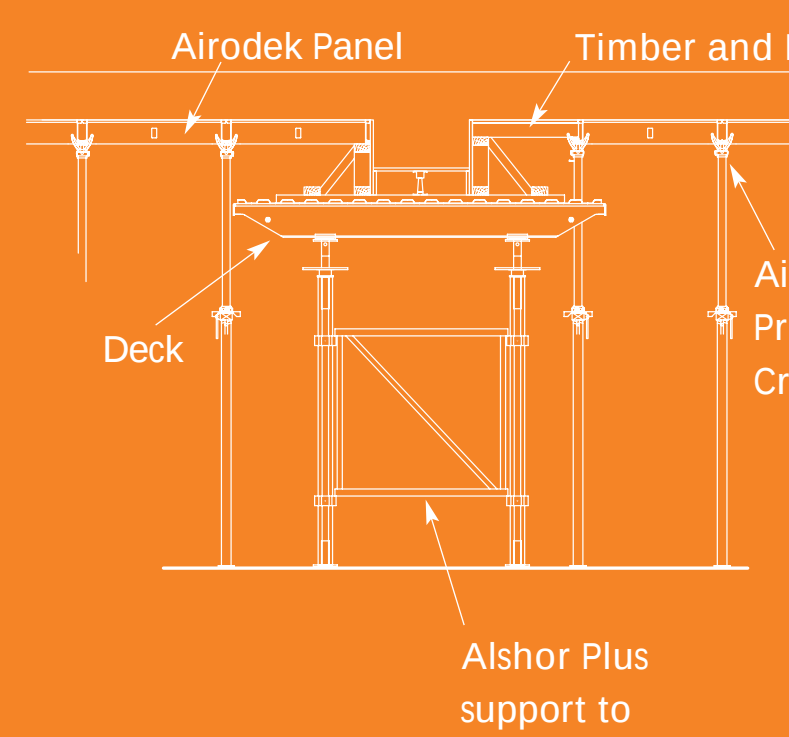


Slab Edge Detail (option 1) - Prop & Crown System



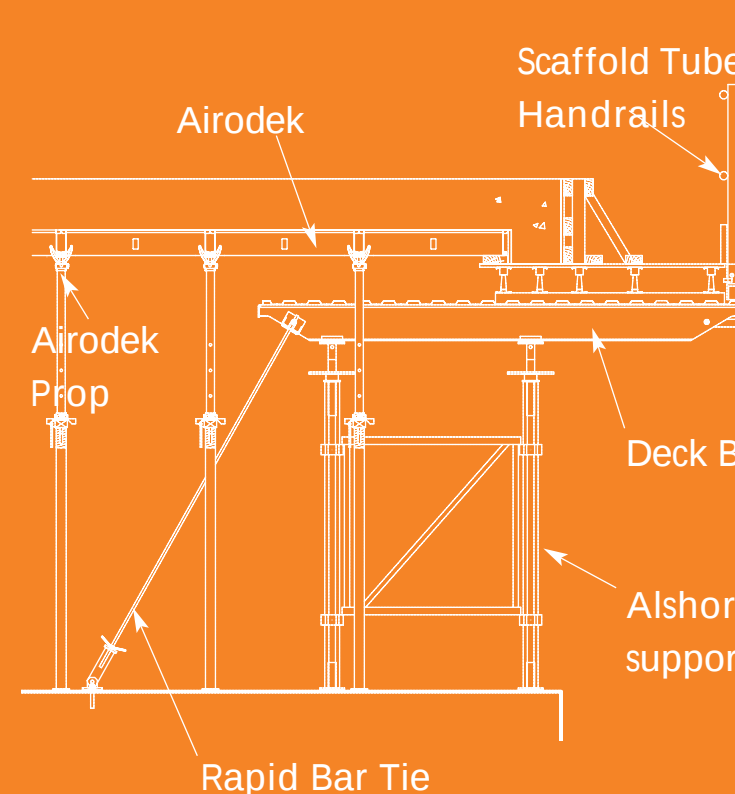
Downstand Beam Support

Independent internal Downstand Beam support allows the end panels and make up to be supported off the beam side formwork. The



Drop Edge Beam

The Edge Beams are supported by a system independent to the prop and panel system,



Airodek Props and Panels

Maximum 450mm deep slab when using Airodek panels with props or deck beams.

CONCRETE SLAB DEPTH	PROP LOAD (inc. 1.5kN/m ² Live Load)	
	1.8 x 0.9 Panel	0.9 x 0.9 Panel
mm	kN	kN
100	6.72	3.36
150	8.71	4.36
200	10.70	5.35
250	12.68	6.34
300	14.66	7.33
350	16.65	8.33
400	18.63	9.32
450	20.61	10.31

Airodek Props

Size	Working Range (mm)		Weight (kgs)
	Closed	Open	
No. 2	1980	3350	23.6

Alshor Plus / Rapidshor with Crowns / Dropheads Permissible Slab Thickness (mm)

Beam Length	Bay Width		
	1800	2400	3000
1800	674	485	372
2400	485	344	259
3000	372	259	191

Note: Shaded areas indicate use of plywood only as soffit form.

Drophead with Alshor Plus / Rapidshor

3m Deck Beams are used for slab depths up to 300mm.

2.4m Deck Beams are used for slab depths up to 450mm.

R•M•D

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Iberica

Paseo del Club Deportivo s/n,
Urbanización La Finca,
Edif.3, 1º Izda. Somosaguas,
28223 Pozuelo de Alarcón (Madrid).

Tel: (+34) 91 555 6104

Fax: (+34) 91 555 4745

E-mail: rmd.madrid@rmdkwikform.com

Ireland

Ballyboggan Road, Finglas,
Dublin 11, Ireland.

Tel: (+353) 1 830 2500

Fax: (+353) 1 830 2741

E-mail: rmd.dublin@rmdkwikform.com

Middle East

PO Box 5801, Sharjah, UAE.

Tel: (+971) 6 5534173

Fax: (+971) 6 5534327

E-mail: rmd.uae@rmdkwikform.com

South America

Av. Americo Vespucio, 01199,
Quilicura, Santiago, Chile.

Tel: (+56 2) 739 0610

Fax: (+56 2) 739 1246

E-mail: rmd.chile@rmdkwikform.com

United Kingdom

Brickyard Road, Aldridge,
Walsall, WS9 8BW, UK.

Tel: +44 (0)1922 743743

Fax: +44 (0)1922 743400

E-mail: info@rmdkwikform.com

Australasia

PO Box 169, Melrose Park, SA 5039.

Tel: (+61) 8 8179 8200

Fax: (+61) 8 8179 8201

E-mail: rmd.australia@rmdformwork.com

Asia Pacific

Unit B & C, 22/F, Easy Tower,
609 Tai Nan, West St,
Cheung Sha Wan, Kowloon, HK.

Tel: (+852) 2415 4882

Fax: (+852) 2413 4797

E-mail: rmd.hongkong@rmdkwikform.com

www.rmdkwikform.com

A member of Interserve Plc.