

28 June 2023

Ref: 8554



Safeguard Formwork

PO Box 7106  
Loganholme  
QLD 4129

PO Box 2069  
North Ipswich  
QLD 4305

Attention: Mr A Young

RE: Aluminium prop series AMP

Tel. 1800 654 444  
Fax. 07 3056 3311  
ABN 33 061 425 821

Dear Sir,

The test records and charts have been reviewed by the writer and independent calculations have been done to determine appropriate loading for the various prop sizes and extensions.

I confirm that the chart, endorsed by SGS for conformance to AS 3610.1-1995 Formwork for concrete, shows safe working load limits in accordance with the that standard.

Prop Model	AMP120	AMP250	AMP350	AMP480	AMP625
Min. Length (mm)	800	1450	1980	2600	4300
Max. Length (mm)	1200	2500	3500	4800	6250
A (mm)	715	1365	1865	2515	4211
B (mm)	421	1071	1571	2221	1975
Weight (Kg)	10.47	15.75	19.45	24.6	30.48
Min - Max Load (kN)	70-90	60-70	42-88	25-85	20-56

  

Extended Height (m)	AMP 250 L = 1.45 - 3.50m		AMP 350 L = 1.95 - 3.50m		AMP 480 L = 2.60 - 4.50m		AMP 625 L = 4.30 - 6.25m	
	Outer Tube at bottom	Inner Tube at bottom	Outer Tube at bottom	Inner Tube at bottom	Outer Tube at bottom	Inner Tube at bottom	Outer Tube at bottom	Inner Tube at bottom
1.45	73	76						
1.60	73	76						
1.80	73	76						
1.70	73	76						
1.80	71	76						
1.90	68	76						
1.95	67	76	88	87				
2.00	66	76	88	87				
2.10	63	74	83	87				
2.20	62	73	77	87				
2.30	61	70	72	86				
2.40	60	67	68	85				
2.50	60	63	64	83				
2.60			61	80	85	71		
2.70			59	77	81	71		
2.80			57	74	76	70		
2.90			55	71	71	70		
3.00			54	68	67	70		
3.10			52	64	63	69		
3.20			51	60	58	68		
3.30			49	56	54	67		
3.40			48	50	52	66		
3.50			42	45	50	64		
3.60					47	62		
3.70					46	58		
3.80					44	54		
3.90					42	50		
4.00					40	46		
4.10					38	43		
4.20					36	40		
4.30					34	38	56	44
4.40					32	36	54	44
4.50					31	33	53	44
4.60					29	31	50	43
4.70					27	29	48	43
4.80					25	27	46	42
4.90							43	41
5.00							41	40
5.10							38	38
5.20							36	37
5.30							33	35
5.40							31	34
5.50							29	33
5.60							28	31
5.70							26	30
5.80							25	28
5.90							24	27
6.00							23	25
6.10							22	24
6.20							20	22
6.25							20	22

  

Code	Code No.
AMP120	3 09 1200
AMP250	3 09 2500
AMP350	3 09 3500
AMP480	3 09 4800
AMP625	3 09 6250

This Prop Load Table certified by SGS in compliance with Australian Standard AS3610-1995 Formwork for Concrete™

Yours faithfully

David Strohfeldt MIEAust CPEng RPEQ 4179 NER 294176