

SLAB SUPPORT
DATA SHEET

PROPS SYSTEM

HANDBOOK



SAFE WORKING LOADS FOR PROPS

SAFE WORKING LOAD (kN) FOR PROPS LOADED 25mm MAX. ECCENTRIC AND 1.5° MAX. OUT-OF-PLUMB

Recommended safe working loads for props where concentric loading cannot be guaranteed. When supporting timber beams prop load may be limited by allowable stress in timber.

Height (m)	1.25	1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	
Prop sizes																					
0,1,2,3,	17	17	17	17	17	17	17	15	13	11	10	-	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	17	14	11	10	9	8	7	7	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	13	11	9	8.5	7.5	6	5	4.5	4	

SAFE WORKING LOAD (kN) FOR PROPS LOADED CONCENTRICALLY AND 1.5° OUT-OF-PLUMB

Recommended safe working load for props supporting Metriform or similar formwork systems ensuring concentric loading. Also for timber bearers where forkheads are used to ensure concentric loading, but load on prop may be limited by allowable stress in timber.

Height (m)	1.25	1.5	1.75	2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75	5.0	5.25	5.5	5.75	6.0	
Prop sizes																					
0,	32	32	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1,2,3,	-	-	32	32	32	26	23	19	17	15	13	-	-	-	-	-	-	-	-	-	-
4,	-	-	-	-	-	-	-	-	24	19	15	12	11	10	9	-	-	-	-	-	-
5	-	-	-	-	-	-	-	-	-	-	-	18	15	12	11	9	8	7	6	6	

SAFE WORKING LOAD (kN) FOR PROPS LOADED CONCENTRICALLY AND SUITABLY LACED WITH TUBE AND FITTINGS.

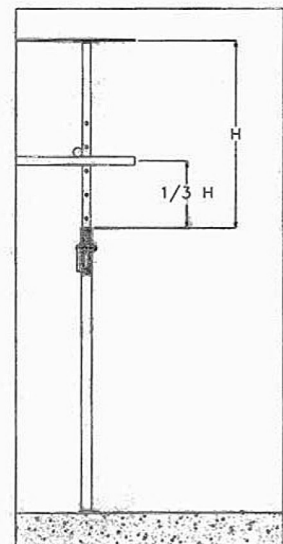
Recommended safe working loads for props laced in two directions, at right angles, at a level 1/3 of the height of the extended inner tube (see sketch)

The lacing and the formwork deck must be restrained against horizontal movement by tying to the building or by diagonal bracing.

When using the loading tables, the height of any drophead or similar attachment should be included in the prop height.

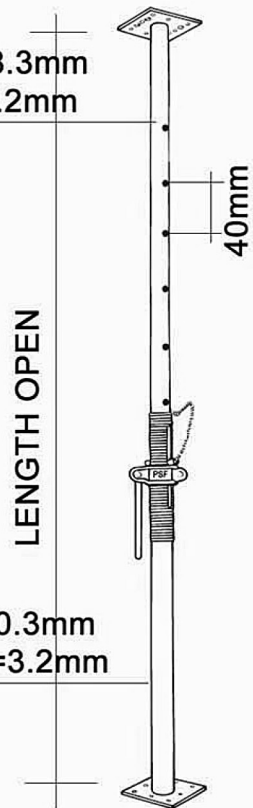
Note: For all practical purposes, to convert kN to tons or metric tons divide by 10

Height (m)	2.0	2.25	2.5	2.75	3.0	3.25	3.5	3.75	4.0	4.25	4.5	4.75
Prop sizes												
1,2,3,	-	-	32	32	32	32	28	24	20	-	-	-
4	-	-	-	-	-	32	32	30	26	22	19	16

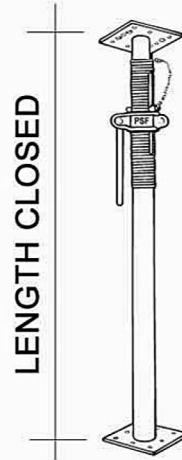


PROPS DATA SHEET

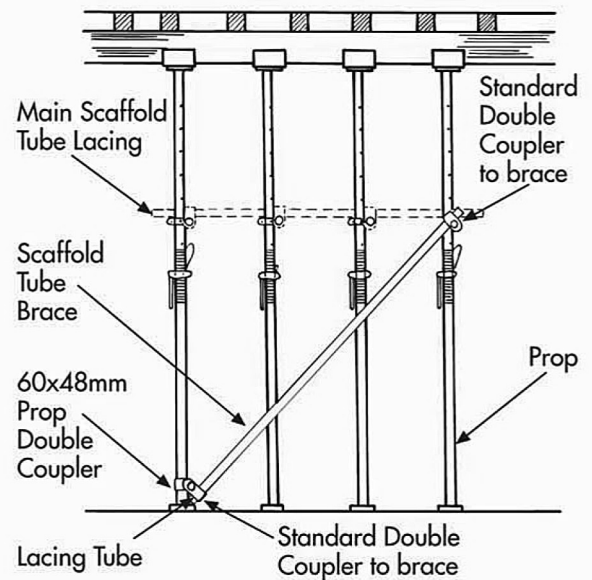
Inner tube diameter=48.3mm
inner tube thickness=3.2mm



Outer tube diameter=60.3mm
Outer tube Thickness=3.2mm



Size	Closed (m)	Open (m)
0	1.04	1.83
1	1.75	3.12
2	1.98	3.35
3	2.59	3.96
4	3.20	4.88
5	3.65	6.10



Designed & Manufactured according to the requirements of BSEN1065:1999 .

Adjustable props are designed to support a wide range of temporary supports for slabs & Beams and are available with or without stirrup heads.

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