



# Adjustable Steel Props

Actavo Props are a high specification product.  
 Robust and Designed to last.  
 Manufactured to BS4074:1982 and tested to BS5507-3.  
 SCP Quality standard ISO9001 applies.

Actavo supply the **ONLY** fully tested prop in the UK.

The Standard states "a random lot of 16 props shall be tested to BS5507. The props should be tested fully open and fully closed"

**BEWARE!!**  
 Testing of individual props **DOES NOT**  
 constitute conformance.

To take this further, Our suppliers have confirmation from a qualified structural engineer confirming the integrity of our testing claims.

Actavo Guarantee material conformance and high class tracability

Actavo props are part of our progressive stocking policy and can be delivered within 2/3 working days.

Actavo have over 40 years experience as specialist prop manufacturers.

Our Suppliers Full in-house testing facilities available for routine prop testing.

Actavo props are compatible with Adjustable and Fixed Forkheads.

Genuine Strongboys are fully compatible with Actavo Props.  
 They are the only Props that were tested alongside Genuine Strongboys.  
**The use of inferior Props may invalidate test data.**



Competition Prop  
after 8 Tonnes  
of loading force

Actavo Prop  
after 12 Tonnes  
of loading force

**Technical Data**

Product Code	Description	Closed Height	Max. Open Height	Weight
9-270-LWI-00	Size 0 Prop	1.041 m	1.829 m	9.96 KG
9-270-LWI-01	Size 1 Prop	1.753 m	3.124 m	16.34 KG
9-270-LWI-02	Size 2 Prop	1.981 m	3.352 m	17.48 KG
9-270-LWI-03	Size 3 Prop	2.590 m	3.962 m	20.20 KG
9-270-LWI-04	Size 4 Prop	3.200 m	4.876 m	20.87 KG

Actavo Adjustable Steel Prop  
 Loading Data available on overleaf.



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## Safe Working Load Information

**Safe Working Load (kN) for actavo 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 bearers 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
<b>Prop Size</b>	<i>Loadings below are in Kilonewtons</i>																			
0, 1, 2, 3	17	17	17	17	17	17	17	15	13	11	10	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	17	14	11	10	9	8	7	7	-	-	-	-

Source: Based on CIRIA Technical Note 79 (1977), (Except for size '0' props).

**Safe Working Load (kN) for actavo props loaded Concentrically and 1.5° Max. Out-of-Plumb.**  
 Recommended safe working loads for props supporting Metriform or similar formwork systems ensuring concentric loading. Also for timber bearers where fork heads 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
<b>Prop Size</b>	<i>Loadings below are in Kilonewtons</i>																			
0	32	32	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1, 2, 3	-	-	32	32	32	26	23	19	17	15	13	-	-	-	-	-	-	-	-	-
4	-	-	-	-	-	-	-	-	24	19	15	12	11	10	9	-	-	-	-	-

Source: Based on CIRIA Technical Note 79 (1977), (Except for size '0' props).

### Safe Working Load (kN) for actavo 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 drop head or similar attachment should be included in the prop height.

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
<b>Prop Size</b>	<i>Loadings below are in Kilonewtons</i>											
0, 1, 2, 3	-	-	32	32	32	32	28	24	20	-	-	-
4	-	-	-	-	-	32	32	30	26	22	19	16

N.B. For all practical purposes, to convert KN to Tonnes or Metric Tonnes, Divide by 10.

