

Acrow Shisham Props



Acrow Shisham Props are uniquely designed to provide coarse and fine adjustment.

They are light, strong, durable and easy to erect.

The props are telescopic in operation and compact to a small size for easy storage.

ACROW SHISHAM PROP RANGE

MODEL	CLOSED HEIGHT (mm)	OPEN HEIGHT (mm)	WEIGHT (kg)
STANDARD	4400	7000	61
SPECIAL	5700	9400	70
JUMBO	6400	11300	106

Usage Recommendations

- Minimum of two Acrow Shisham props per precast panel
- Where possible the Shisham props should be fixed to the precast panel before the panel is lifted.
- When it is necessary to attach the Shisham prop after the panel has been positioned, the panel must be held firmly and safely by the crane whilst the Shisham prop are attached to the panel and fixed to the slab.
- When the use of cast-in anchors in the slab or panel is not possible, only mechanical fixings, load controlled expansion anchors or chemical anchors that have been proof tested should be used.
- The loads imposed by the wall and its relevant wind loads must be checked against the Working Load Limits of the Acrow Shisham Prop prior to using them. In some cases, to sustain the loads, additional bracing may be required.
- **Acrow Shisham Props must not be used as vertical shores**



Important Note

The erection and application instruction contained in this guide are the recommended methods to be adopted when using Acrow Shisham Props. The technical instruction contained in this brochure must be accurately followed to achieve the correct function of the props. Any deviation from the recommended usage will require a separate design.

ACROW SHISHAM PROPS WORKING LOAD LIMIT

MODEL	Closed Position		Intermediate Position		Middle Position		Intermediate Position		Full Extension		Test No.	Mass (kg)
	Length (mm)	WLL (kN)	Length (mm)	WLL (kN)	Length (mm)	WLL (kN)	Length (mm)	WLL (kN)	Length (mm)	WLL (kN)		
STANDARD 4.40m - 7.0m	4400	35	5200	30	5800	20	6400	15.5	7000	11.4	M170	61
SPECIAL 5.70m - 9.4m	5700	25	6600	22	7500	11.5	8400	8.5	9400	5.5	M177	70
JUMBO 6.40m - 11.3m	6400	35	7700	22	9000	13	10200	7.5	11300	6	M180	106
KNEE BRACED - SPECIAL & JUMBO PROPS INSTALLED WITH KNEE BRACES												
SPECIAL 5.70m - 9.4m									9400	20	M177	70
JUMBO 6.40m - 11.3m							10200	30	11300	24	M180	106

Note

For any designed brace angle the fixing anchor capacity at both ends should be verified. In case braces are loaded in tension the fixing anchor capacity is likely to be governing the overall bracing system capacity. For extra high tensile loads use Shisham dual foot which is designed to accommodate two fixing anchors. The maximum WLL value of 35kN for the panel brace range is determined by the ply bearing capacity at shear pin connection. In case of tensile loading WLL= 35kN applies to all the extension lengths.

KNEE BRACE DETAILS

