

COMMON PROPPING APPLICATIONS

THE BELOW IMAGES SHOWCASE SOME OF SHORE HIRE'S MOST COMMON PROPPING APPLICATIONS.

Whether you need one of these solutions or something completely unique, Shore Hire's team of experts are here to help you from design all the way through to engineering, supply and install.



BACK PROPPING



MODULAR TOWERS



BRIDGE PROPPING



NEEDLE PROPPING



CRANE BACK PROPPING



PROPPING TRAMWAYS



FACADE RETENTION



TILT PROP APPLICATIONS



HYDRAULIC JACKING



WALER BEAMS

ALUMINIUM TILT PROPS



SHORE HIRE RAISES THE BAR WITH OUR LIGHTWEIGHT ALUMINIUM TILT PROPS.

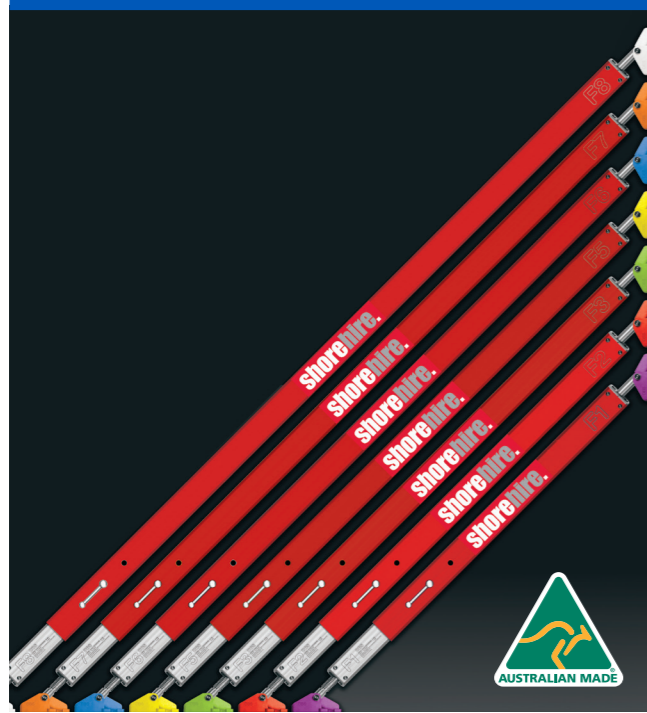
After years of research, development, and testing, we have created a lightweight, safe, and simple alternative to the traditional precast steel panel prop. Proudly designed and manufactured in Australia by Shore Hire, our props are specifically designed to meet Australian Standards and Safety guidelines.

Featuring an ultra-modern design and weighing less than a traditional steel panel prop, we've created a labour-saving alternative, as our props are crafted

from the latest available materials and technology. Utilising anodised aluminium, they are also colour-coded for safety and easy identification.

We are passionate about achieving a safer, more user-friendly prop and minimising the safe workload handled by individuals. The patented and registered design sets a new Australian commercial building industry standard.

ALUMINIUM TILT PROPS



FEATURES

- Specifically purpose designed and engineered
- A practical, cost-effective solution
- Colour-coded identification
- Made in Australia
- Lightweight and time saving
- Tested to Australian Standards

INNOVATIONS

- Equivalent Working Load Limit (WLL) to a steel tilt brace
- Universal prop foot allows for a dual position creating ease of installation anchoring
- Acme thread allows for fine panel adjustment
- Colour-coded for safe, visible, and simple identification
- T Lock System compliant with Australian Standards
- Swivel feet that enable the props to be easily adjusted

ALUMINIUM TILT PROP SPECIFICATIONS

Description	Colour	Length	Closed (WLL)	Full (WLL)	Weight
F1	Purple	1.2m–2.0m	1.2m–35kN	2.0m–25kN	15kg
F2	Red	2.0m–3.4m	2.0m–35kN	3.4m–25kN	20kg
F3	Green	2.4m–4.0m	2.4m–35kN	4.0m–25kN	24kg
F5	Yellow	3.4m–5.1m	3.4m–35kN	5.1m–25kN	29kg
F6	Blue	4.4m–6.9m	4.4m–25kN	6.9m–18kN	36kg
F7	Orange	5.1m–8.4m	5.1m–25kN	8.4m–13kN	42kg
F8	White	6.4m–10.4m	6.4–21kN	10.4–12kN	52kg

Note: Specifications are approximate.

STEEL TILT PROPS



STEEL TILT PROPS SPECIFICATIONS

Description	Length	Closed (WLL)	Middle (WLL)	Open (WLL)	Weight
Micro Mini	-	0.6m–0.85m	0.6m–35kN	0.85–35kN	14kg
Trench Mini A	1.0m–1.6m	1.0m–35kN	1.3m–32kN	1.6m–30kN	20kg
Trench Mini B	1.2m–1.8m	1.2m–35kN	1.5m–32kN	1.8m–30kN	22kg
Mini	2.6m–4.4m	0.6m–35kN	0.7m–35kN	0.85–35kN	38kg
Standard	4.4m–6.7m	4.4m–40kN	5.5m–23kN	6.7m–14kN	53kg
Jumbo	6.4m–10.1m	6.4m–25kN	8.0m–11kN	10.1m–6kN	76kg

STEEL TILT PROPS



OUR PROPS ARE MADE FROM THE HIGHEST QUALITY MATERIALS AVAILABLE.

Advances in tilt-up slab construction techniques have brought new challenges as panel sizes and resulting load have escalated- our range of Push Pull Props suit high load applications. Our SteelTilt Props are available in various sizes and permanently tagged with the model number and working loads.

WORKING LOAD LIMIT RECOMMENDATIONS:

- Two Prop minimum per panel for stability and load transfer
- Whenever possible, the Props should be fixed to the panel before lifting
- Knee brace available for additional support
- Tested in accordance with Australian Standards

T LOCKS



The T Lock is a purpose-built lock for the tilt prop industry. The unique key systems prevent tampering on-site, and the auto lock system allows easy installation. T Locks comply with Australian Standard 3850 – 2003 Tilt-up concrete construction.

- Designed to fix to standard Tilt Prop
- The handle allows easy installation