



SKALA



H20 WOODEN BEAMS

High Longevity
Excellent Dimensional Constancy
Consistently Large Load Capacity

www.skalasolutions.com

BEAM

H2O Wooden Beams: engineered for formwork, crafted with a sturdy upper and lower wing and a triple-layered central core. The beams are securely bonded with precision notched and glued joints for enhanced durability and strength.

HEADS

Premium Fir Wood: exceptional quality, precision-calibrated with smooth, leveled edges and seamlessly joined with finger-type connections along the entire length for superior strength and stability.

WEBS

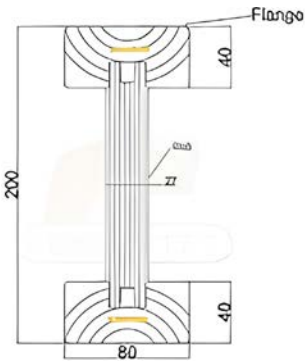
Webs Section: Featuring a heavy-duty core of 27mm plywood or triple-layer board for superior strength and rigidity. This robust design delivers lasting stability for all formwork systems & applications.

JOINTS

Joints Section: Precision-engineered with notched, finger-type joints between the core and wings, running the full length for maximum strength. Bonded with high-frequency gluing for unmatched durability and load-bearing performance.

ANTI-HUMIDITY TREATMENT

Anti-Humidity Treatment: Each beam is fully coated with protective paintwork, ensuring comprehensive moisture resistance and long-lasting durability in demanding environments.



STANDARD SIZES

Length: ,3600 ,3900 ,4500 ,4900 ,5900
1950 ,2450 ,2650 ,2900 ,3300 mm
Height: 200 mm
Width: 80 mm

WEIGHT

Per linear meter: 4.7 kg

DATA & SPECIFICATIONS

ADVANTAGES STRENGTH & SAFETY

Superior dimensional stability with excellent load recovery & high load-bearing capacity along entire length.
Protected against moisture, impacts, and splintering.

Lightweight Design

- Easy handling and quick assembly.
- Minimal weight reduces fatigue and speeds up work.

Cost-Effective

- Reusable for multiple projects.
- Outstanding price-to-usage value.
- Compact and easy to store.

Versatile Adaptability

- Perfect pairing with formwork boards.
- Supports can be positioned anywhere for flexibility.
- Suitable for all types of formwork applications.

TECHNICAL SPECIFICATIONS

Description	Value	Tolerances
Beam Height [mm]	200	+/- 2mm
Head Height [mm]	40	-1.5%
Head Width [mm]	80	-1.5%
Web-Thickness [mm]	26.8	+/- 0.5mm
Shear	11 kN	n/a
Web-Thickness [mm]	5 kN/m	n/a

Specified values are valid for new or well-maintained H2O beams. Heavily worn beams require a proportionally higher safety factor.



CUSTOM BEAM LENGTHS AND BEAM-SPECIFIC TAGGING ARE AVAILABLE UPON REQUEST



H2O WOODEN BEAMS

QATAR

Doha, Qatar

KUWAIT

Hawla, Kuwait

LEBANON

Antoura, Lebanon

KSA

Riyadh, KSA

UAE

Dubai, UAE

IVORY COAST

Abidjian, Ivory Coast

ROMANIA

Lasi, Romania

KYRGYZSTAN

Bishkek, Kyrgyzstan

INTERNATIONAL

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