



## H20 Beam



## Wooden Beam for Formwork



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# H20 Beam



## Beam

Wooden beam for formwork, consisting of an upper and lower wing and featuring a central section consisting of three layers. The union is designed as a notched and glued joint.

## Heads

Fir wood of the highest quality, calibrated with levelled edges and with finger type joints along their length.

## Webs

Of a three-layer board with a thickness of 27 mm.

## Joint

Notched, finger-type joint between core and wings, throughout their length. High-frequency, high-strength gluing.

## Anti-humidity treatment

Protective paintwork throughout the beam.



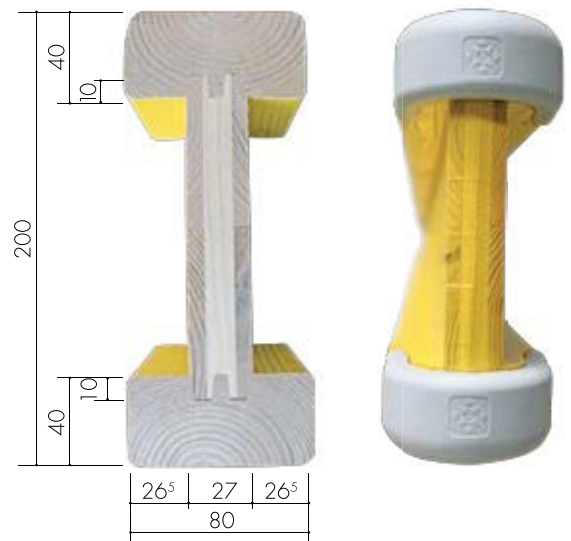
## Dimensions & Tolerances

Dimensions	H20	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

## Technical Specifications

Permissible modulus [kNm]	5
Permissible shearing force Q [kN]	11
Section modulus Wx [cm <sup>3</sup> ]	461
Geometrical moment of inertia Ix [cm <sup>4</sup> ]	4613

The values of the section modulus and the geometrical moment of inertia apply to new or used concrete formwork beams. An analogously increased factor of safety needs to be added for severely worn beams.



## Advantages

### Strength and Safety

Dimensional stability and recovery capacity after application of load. High load capacity throughout their length. Protection against humidity, knocks and splintering.

### Lightness

Easy handling and quick assembly. Minimum weight.

### Economical

Can be used many times. Good ratio between price and uses. Easy storage.

### Adaptability

Ideal for use with formwork board. Supports can be placed at any point. Can be used in any kind of formwork.

## Standard sizes

Length: 5900, 4900, 4500, 3900, 3600, 3300, 2900, 2650, 2450, 1950 mm

Height: 200 mm

Width: 80mm

## Weight

Per linear meter: 4.7 kg