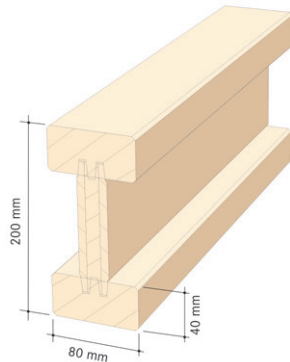


H20 Beam



Solid wooden beam with laminated solid wood webs

Industrially manufactured wooden beams are intended for use in shoring and formwork for concrete construction. They are loaded in the direction of the beam height.

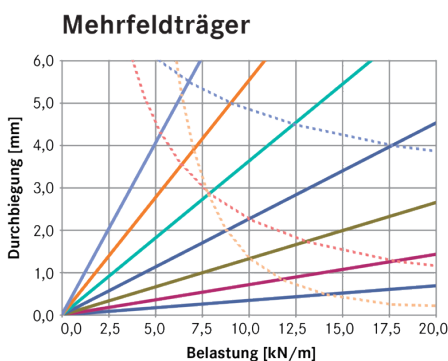
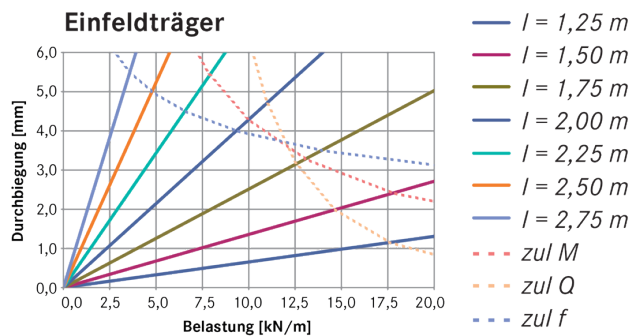
Dimensions	mm	Tolerance
Beam height	200	+/-2mm
Chord height	40	-1,5%
Chord width	80	-1,5%
Web thickness	24	+/-0,5mm



Carrying-qualities:

Lateral force	$V_k = 23,9\text{kN}$	perm. $Q = 11\text{kN}$
Bending moment	$M_k = 10,9\text{kNm}$	perm. $M = 5\text{kNm}$
Reaction of support	$R_{b,k} = 47,8\text{kN}$	
MOE x moment of inertia	$EI = 486\text{kNm}^2$	
Elasticity module of chord Gurt (C24)	$E_{Gurt} = 11.000\text{N/mm}^2$	
Elasticity module of web (SWP)	$E_{Steg} = 6.700\text{N/mm}^2$	

Span table:



Material:

- Cords: carefully selected spruce wood class S10 according DIN4074 glued according to DIN 68140-1

- Webs: 3 ply solid wood panel laminated according to EN 13353

Authorization:

German „Insitut für Bautechnik“ Nr. Z.9.1-146

Product standard:

According EN 13377

Standard lengths:

1,80/1,95/ 2,45/ 2,65/ 2,90/ 3,90/ 4,90m

other lengths up to 10,0 m possible upon request

Weight:

4,4 kg/m

Surface protection:

Water repellent colour glaze

Packing units: 50 pieces

Description	Art. No.	Weight
1 H20 Beam 4,90m	10003724	22,50kg
2 H20 Beam 3,90m	10003713	18,00kg
3 H20 Beam 3,60m	10003715	16,60kg
4 H20 Beam 3,30m	10003712	15,20kg
5 H20 Beam 2,90m	10001688	13,40kg
6 H20 Beam 2,65m	10003909	12,20kg
7 H20 Beam 2,45m	10001655	11,30kg
8 H20 Beam 1,95m	10004355	9,00kg
9 H20 Beam 1,80m	10003087	8,30kg