



■ DATA SHEET

# Wooden formwork beam Compact C 20 N - typically steidle.

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## OUR ACHIEVEMENTS -YOUR ADVANTAGES

- the C 20 N consist of solid wood
- reduced weight while still offering the same approved structural bending moment and shear force characteristics
- weatherproof, threefold all-over adhesive strength
- can also be shortended subsequently in any position
- offers an above-average lifespan
- compatible with all common H 20 formworks
- consistently high quality due to our factories own production controls and our manufacturing plant in Sigmaringen, Germany

## ■ TECHNICAL DATA

the following should be used for structural calculations according to its official approval:

max. shear force	Q max = 11.0 kN
max. bending moment	M max = 5.0 kNm
characteristic shear force threshold value	Vk = 24.0 kN
characteristic bending moment threshold value	Mk = 11.0 kNm

weight: 5.0 kg /m

dimensions of upper & lower flange:	80 mm x 39 mm
dimensions of connecting bar:	35 mm x 120 mm
beam height:	200 mm
beam width:	80 mm
lengths in metres:	1.50 - 6.00 m
special lenghts available on request:	up to 12.00 m

## ■ TECHNICAL DESCRIPTION

### Flange and connecting bar:

Manufactured from special pine (solid wood) of Nordic or local quality with limited annual ring width, lengthways finger jointing in accordance with DIN 68140-1.

### Manufacture:

The gluing of the upper flange, two connecting bar surfaces and lower flange is carried out parallel with the grain and butt-jointed in accordance with official adhesion requirements. Fixing is carried out using aluminium nails.

