

*"using our natural material
for building our future"*

- HIGH QUALITY
- SIGNIFICANT DURABILITY AND CONTINUOUS USE
(FROM 50 TO 100 TIMES)
- SUPERIOR QUALITY OF THE WOOD
- FAST DELIVERY
- RESPECT FOR THE ENVIRONMENT

NOPIN HT20

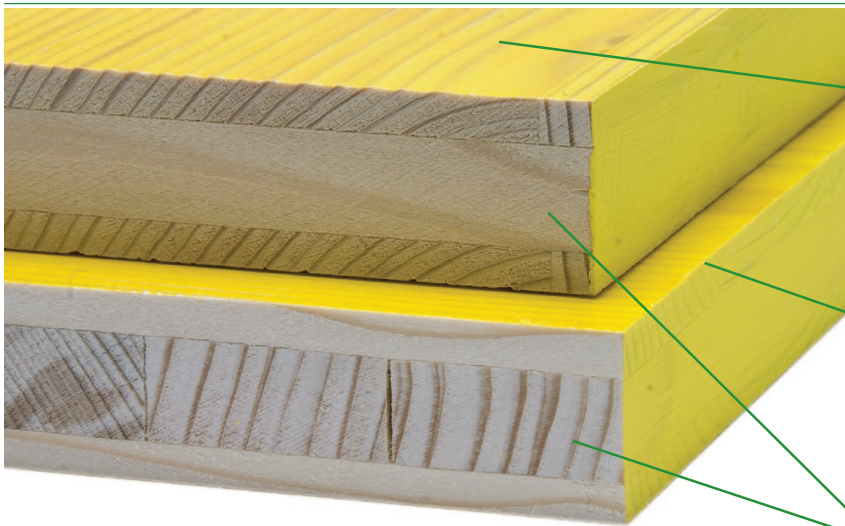


NOPIN HT20



Advantages and features

1. The panel is made of high quality fir and spruce wood.
2. Shuttering panel is made of three layers of wood seamlessly glued together, in which two outer layers are arranged lengthwise and the inner one crosswise and with perimeter frame in the middle layer.



The entire surface of outer layers is fully sanded and coated with a resistant and waterproof melamine resin, which guarantees the perfect appearance of the concrete.

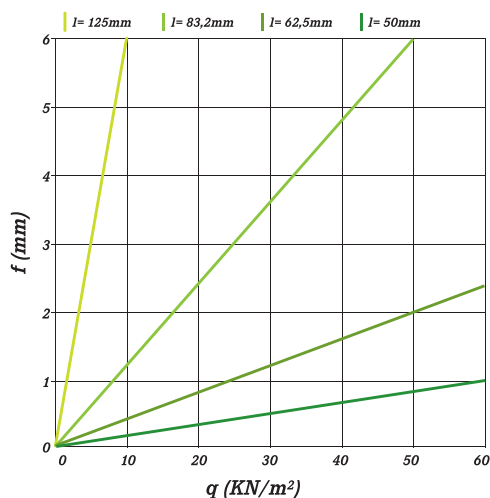
The special edge seal (on the edges) prevents the penetration of the moisture and adherence of concrete sludge on the edge panel, which increases durability of the panel.

The seamlessly glued intermediate layer ensures that the longitudinal edges do not wear off.

3. The panel meets the following standards:
 - BFU 100 (AW 100)
 - DIN 68705, testing performed by ZAG Ljubljana according to number P 222/02-460-I
 - The quality of the whole panel ÖN B 3023

4. One of the greatest technical specifications of panel is its great flexibility.

Flexibility Diagram:



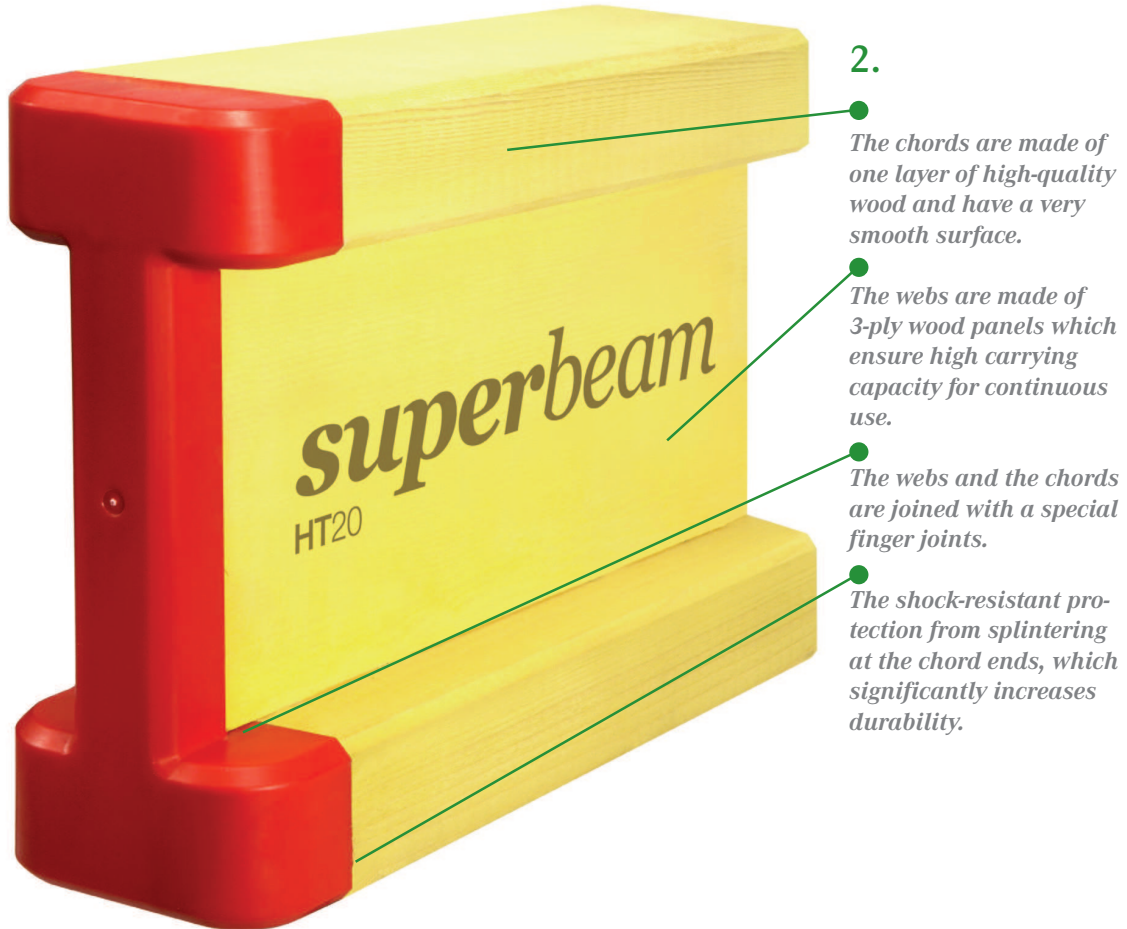
General characteristics

Wood: Fir / spruce
Structure: 3-ply layers glued crosswise with perimeter frame in the middle layer
Thickness: 21, 27 mm
Width: 200, 250, 300, 350, 400, 450, 500 mm
Length: 1000, 1500, 2000, 2500, 3000 mm
Surface: Well protected on both sides with hot pressed melamine resin into the surface
Packaging: Width 500 mm - 40 pieces per palette, other width - packaging according to customers' special requirements, on request

NOPIN HT20

SUPERBEAM HT 20 is a supporting beam made of fir and spruce wood and it is used for fast and high-quality preparation of paneling for concrete formwork construction.

1. *The standard height of the beam is 20 cm and it is available in different standard lengths.*



3. *SUPERBEAM HT 20 beams are made of high-quality fir and spruce wood and is completely waterproofed and made for continuous use because they are covered with water repellent colour glaze.*

4. *One of the most important advantages is its flexibility in length on the site.*

General characteristics

Wood:	<i>Fir / spruce</i>
Permissible modulus M (kNm):	<i>5,0</i>
Permissible shearing force Q (kN):	<i>11,0</i>
Geometrical moment of inertia JX (cm ⁴):	<i>4613</i>
Beam Weight:	<i>5 kg/m</i>
Beam Lengths:	<i>2,45 / 2,90 / 3,30 / 3,60 / 3,90 / 4,50 / 4,90 m</i>
Packaging:	<i>60 pcs/package</i>

SAFETY MODULUS= 5	
MODULUS OF ELASTICITY E =	105.000 Kg/cm ²
MODULUS OF STRENGTH W =	460 cm ³
MODULUS OF INERTIA J =	4600 cm ⁴
BENDING STRENGTH Z =	1,2 KN/cm ²
BENDING MOMENT M =	5 kNm
CUTTING STRESS T =	11 KN
WEIGHT W =	5Kg/m