

LINYI QUEEN SCAFFOLDING H20 TIMBER BEAM



www.scaffolding-in-china.com

H20 Timber Beam

**High stiffness,
Light weight,
large bearing capacity.
High durability.**

H20 Timber Beam is a light weight antiseptic, and waterproof component which is with the material of solid fir, and plywood for web.

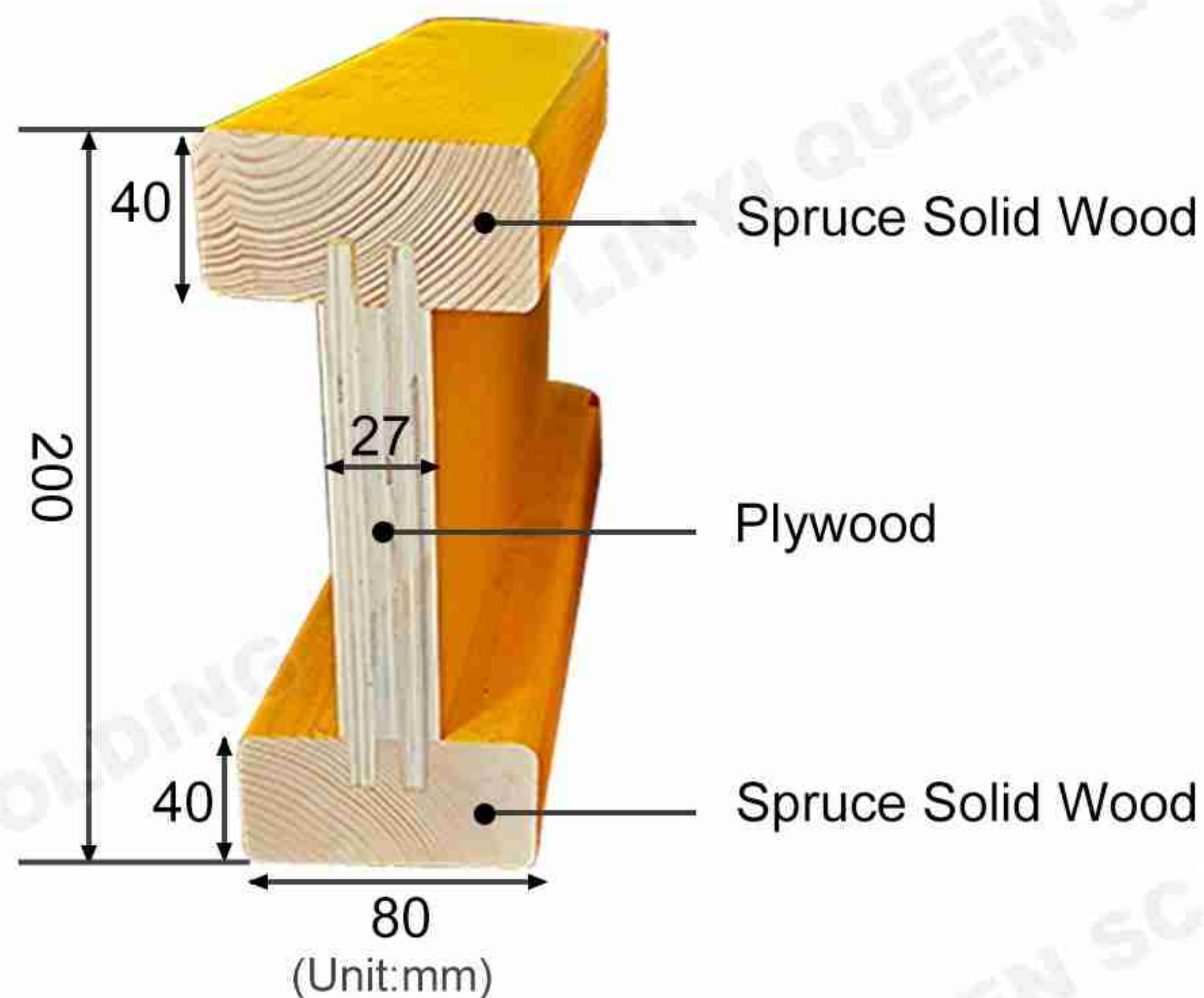
In the reinforced concrete structure of the project, it could be the slab formwork system matching with plywood and the vertical support, It could be the wall formwork system matching with plywood, push-pull prop, tie rod and other accessories.



H20 TIMBER BEAM

Product Name	H20 Timber Beam
Material	Spruce Solid Wood+Plywood
Surface Finishd	Painted
Thickness	27mm
Logo	Logo can be printed on beam
Package	105pcs/pallet , 420pcs/row for 1*40 HC Container
	100pcs/pallet, 400pcs/row for 1*20GP Container

Code	Length (m)	Weight (kg)
LQ-HB145	1.45	6.82
LQ-HB245	2.45	11.52
LQ-HB265	2.65	12.46
LQ-HB290	2.90	13.63
LQ-HB300	3.00	14.10
LQ-HB330	3.30	15.51
LQ-HB360	3.60	16.92
LQ-HB390	3.90	18.33
LQ-HB420	4.20	19.74
LQ-HB490	4.90	23.00
LQ-HB580	5.80	27.26



H20 TIMBER BEAM

THREE TYPES END CAP



Plastic end caps

High cost performance

Full covered plastic end caps

Full protection

Steel end caps

Solid and durable

SUPPORT CUSTOMIZED COLOR AND LOGO



H20 TIMBER BEAM

■ THE INTERSPERSED SLAB FORMWORK SYSTEM

On-site dismantling, easy operation, convenient storage and transportation. Main accessories use seperately. High stiffness, light weight, strong load-carrving capability.



■ H20 WALL FORMWORK SYSTEM

This system falls into timber beam universal plvwood svstem without frames.

This system consists of thickness plywood, H20 (200mm x 80mm) timber beam, channel steel waler. flange clamp, scaffold bracket, push-pull prop. angle tie bracket connecing plate roight-angle connecting rlate tie rod. PVC sleeve, plastic cone. lifting hook wedge,etc.



H20 TIMBER BEAM

APPLICATION



H20 TIMBER BEAM

SGS TEST REPORT

TEST REPORT

No. : SHIN2012078381CM

Date : Dec 23, 2020

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CUSTOMER NAME: LINYI QUEEN IMP&EXP CO.,LTD
ADDRESS: IEC1711-1712, SHANGHAI ROAD, LANSHAN DISTRICT,
LINYI CITY, SHANDONG PROVINCE, CHINA

Sample Name : H20 BEAM
Product Specification : 200*3000MM/3300MM/1500MM
Supplier : LINYI QUEEN IMP&EXP CO.,LTD

Above information and sample(s) was/were submitted and confirmed by the client. SGS, however, assumes no responsibility to verify the accuracy, adequacy and completeness of the sample information provided by client.

Test Required : Please see the next page(s)
Ref. Standard : Please see the next page(s)
Date of Receipt : Dec 02, 2020
Testing Start Date : Dec 02, 2020
Testing End Date : Dec 22, 2020
Test result(s) : For further details, please refer to the following page(s)
(Unless otherwise stated the results shown in this test report refer only to the sample(s) tested)

Signed for
SGS-CSTC Standards Technical
Service (Shanghai)Co., Ltd.

Erin Huang
Authorized signatory



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Summary of Results:

No.	Test Item	Test Method	Result	Conclusion
1	Shear Resistance	With reference to EN 13377:2002 Annex A and Client's requirement	See result	/
2	Bending Resistance	With reference to EN 13377:2002 Annex A and Client's requirement	See result	/
3	Bearing Resistance	With reference to EN 13377:2002 Annex A and Client's requirement	See result	/
4	Bending Stiffness	With reference to EN 13377:2002 Annex A and Client's requirement	See result	/

Note: Pass : Meet the requirements;
Fail : Does not meet the requirements;
/ : Not Apply to the judgment.



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Original Sample Photo(s):



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Bending Resistance - Front View



Bending Resistance - Side View



Bending Resistance - Section View



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Bearing Resistance - Front View



Bearing Resistance - Side View



Bearing Resistance - Section View



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Test conducted: With reference to EN 13377:2002 Annex A and Client's requirement

I. Sample Detail

Test Item	Sample nominal dimensions			
	Length of beam (L)	Flange width (b)	Depth of beam (H)	Depth of flange (h)
Shear Resistance (V)	1500mm	80mm	200mm	40mm
Bending Resistance (M)	3300mm	80mm	200mm	40mm
Bearing Resistance (R _b)	3000mm	80mm	200mm	40mm

II. Test Result

Test Item	Test Result	Failure Location
Shear Resistance (V)	29.77 kN	End cracking
Bending Resistance (M)	23.65 kNm	Close to the middle part cracking
Bearing Resistance (R _b)	55.24 kN	End cracking
Bending Stiffness (E _i)	460 kNm ²	
Remark	Classification cannot be given based on single test result of each test item.	



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III. Classification of panel web beams according to EN 13377:2002 Table 1 is cited below for reference:

Table 1—Classification, dimensions and structural properties of panel web beams

1	2	3	4	5	6	7
Class	Beam depth H (mm)	Minimum flange width b (mm)	E_I (kNm^2)	V_k (kN)	$R_{b,k}$ (kN)	M_k (kNm)
P16	160	65	200	18.4	36.8	5.9
P20	200	80	450	23.9	47.8	10.9
P24	240	80	700	28.2	56.4	14.1

Test photos:



Shear Resistance

The failure mode of shear resistance



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Bending Resistance	The failure mode of bending resistance
	
Bearing Resistance	The failure mode of bearing resistance

***** End of report*****

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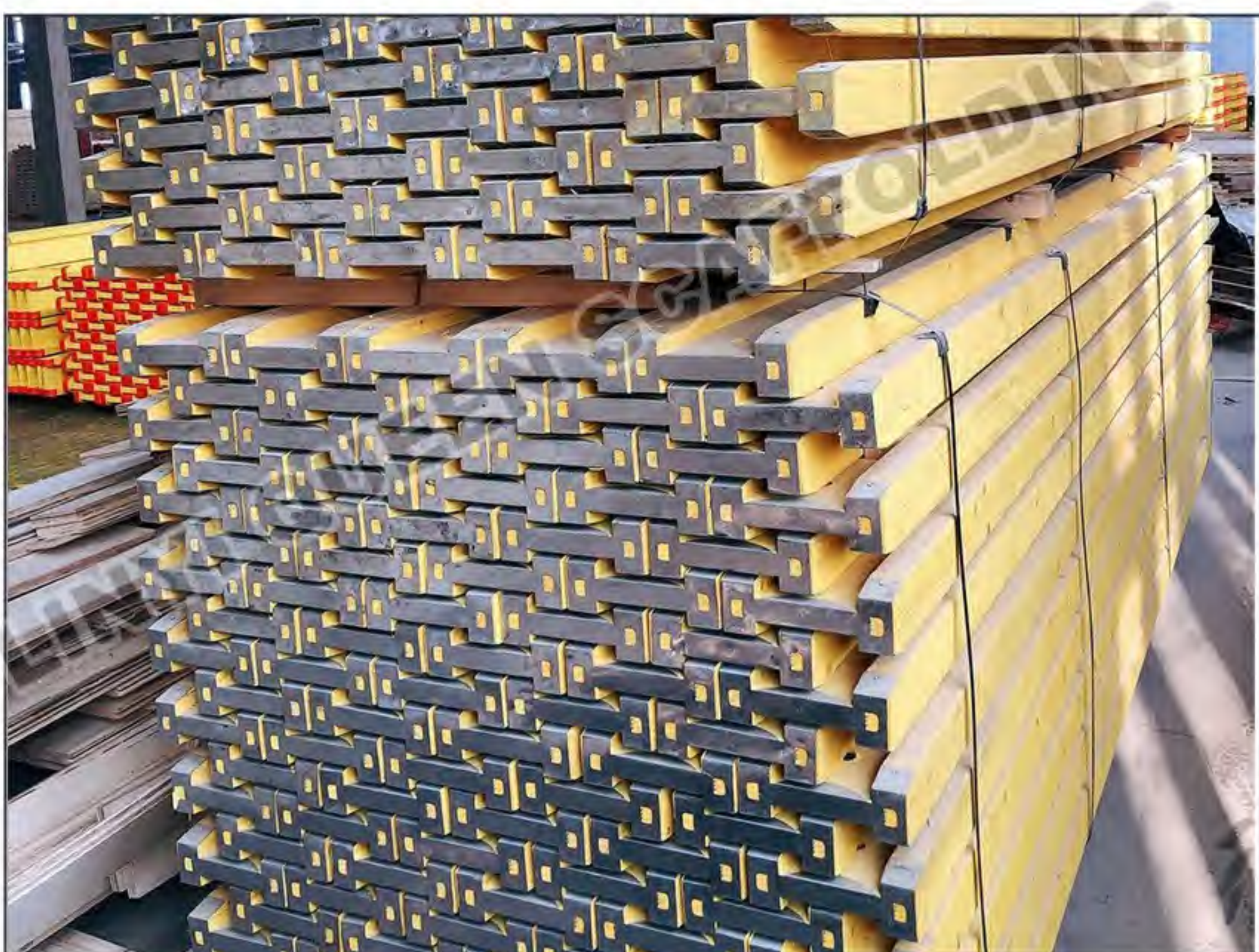
H20 TIMBER BEAM

■ HIGH QUALITY RAW MATERIAL



H20 TIMBER BEAM

■ SUFFICIENT SPOT



H20 TIMBER BEAM

■ PACKAGING AND SHIPPING





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