

The background of the entire image is a solid, vibrant red. In the lower-left quadrant, there is a stack of several light-colored wooden planks. The planks are arranged in a slightly overlapping, fanned-out manner, showing their natural wood grain and some small knots. The lighting is even, highlighting the texture of the wood.

Rezult.[®]

Sawmill products

**STAND
ON
QUALITY**

About the company

Ukrainian Sawmill Holding Company (UHLK) is an environmentally friendly manufactory which produces sawn, timber under the brand REZULT. It was founded in 2015 and is currently equipped with modern technology.



Our website



Logistics: deliver across the globe by trucks, railroads, sea containers



Plant Area

36
hectare

Distance to Kyiv

165
km



Distance to the
EU border

315
km



The largest European manufacturer of woodprocessing equipment, i.e. German based company LINCK who guarantees sawing tolerances of $\pm 0,5$ mm, providing perfect sawn timber geometry as well as highest recovery rates.

Dry kilns supplied by Austrian company Mühlböck, providing the highest quality of drying with minimum energy consumption.

The plants main product is the graded KD sawn timber. Two SPRINGER sawn timber sorting lines are grading the sawn timber by quality and dimensions and guarantee a product sortiment in correspondence with the quality demands and standards of any customer.

A MICROTEC quality control system limits the human factor to a minimum.



Annual pine
logs income
1,2 mln
m³

Saw line annual
capacity
660 000
m³ of sawn timber



Dry kilns
capacity
700 000
m³ of saw lumber

Planing mill
annual capacity
670 000
m³ of sawn timber

Standards:
Material- 100% pine, origin from
FSC certified forestries only



Panel manufactures according to
Austrian standard ONORM-B 3023



FORMWORK PANELS

Size
21x500x2000/2500 mm (TxWxL)

Loading rate
(1900 -1875 m² in one truck)

Size
27x500x2000/2500 mm (TxWxL)

Loading rate
(1480-1450 m²)



The main advantages of Rezult formworks plates are:

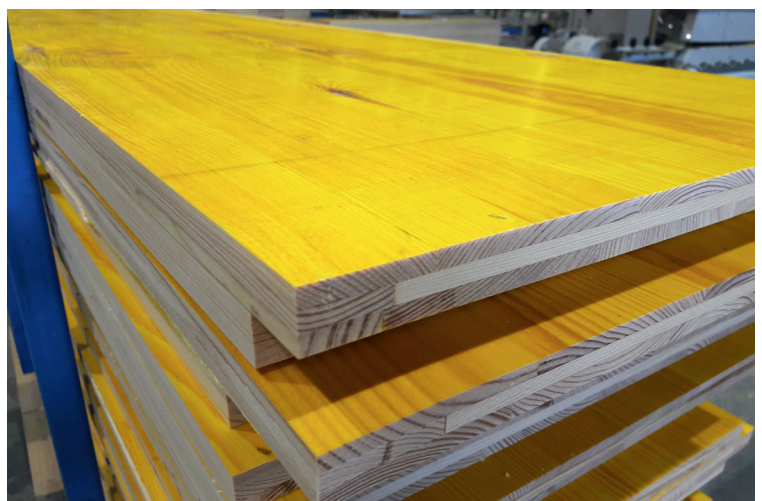
- Profitability
Repeated use of the same number of plates allows to achieve a larger production area.
- Strength
Perpendicular-gluing of layers provides endurance of high loadings of a surface.
- Stability
Resistance to stretching and bending, which allows you to get clear, smooth and straight surfaces.
- Resistant to aggressive environments surface
Special impregnation (yellow) based on urea-melamine adhesive treated under temperature pressure allows to protect the surface from cracking, bonding with concrete and reduces absorption.
- Water resistance
The special structure of the central layer “with a frame” with elastic steam-stopping impregnation of end faces prevents moisture getting inside and protects from microbiological damages.

Specification:

Material:
Three-layer board made of dense wood (pine), glued crosswise

Pasting:
Reliable adhesive, resistant to water, alkalis, weather and boiling

Processing:
Polished surface treated with urea-melamine resin for concrete smoothness and easy cleaning.

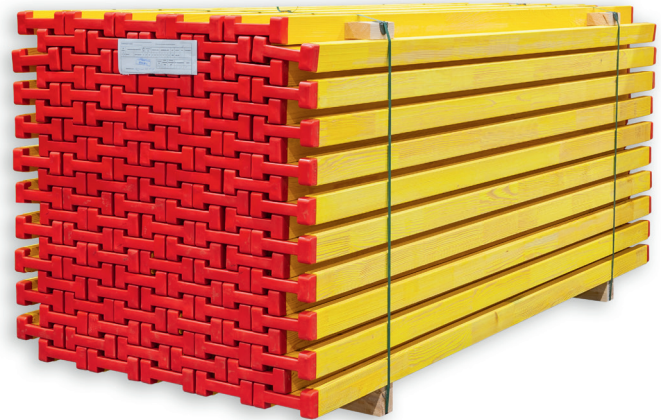


FORMWORK BEAMS H20

Formwork Beams H20

Lengths from 1,8 to 2,9 m

Loading rate
(4240 min one truck if length 2.65 m)



The H20 Beam has a high load capacity throughout their length, is easy to handle and quick to assemble. It has a minimum weight to load capacity ratio making it ideal formwork.

Supports can be placed between beams at any point and can be used in any kind of formwork.

Made of 3-ply solid wood panel, ensuring high carrying capacity and durability in all climate zones.

A special shock-resistant, plastic protective cap at the beam's edges prevents mechanical injuries, and increases its durability.

The formwork beam surface is covered with watertight coating, ensuring continuous use and long product life.

The length is printed on every formwork beam for identification purposes.

The quality of the formwork beam is certified by the HFB ENGINEERING GmbH, Germany and it is pursuant to SIST EN 13377 standard.

We have successfully passed the test of P20 I-beam formwork according to the requirements of EN13377:2002 standard and received the results from the Forest and Wood Products Research and Development Institute (abbreviated as MeKA) in Latvia.

Results:

1. The calculated characteristic value of the ultimate shear strength V_k corresponds to the requirements for a formwork beam of class P20

EN13377:2002 requirement: $V_k \geq 23.9 \text{ kN}$

Our result $V_k = 31.6 \text{ kN}$

2. The design value of the bending stiffness EI corresponds to the requirements for a formwork beam of class P20.

EN13377:2002 requirement: $EI \geq 450 \text{ kNm}^2$

Our result: $EI = 460 \text{ kNm}^2$



SAWN TIMBER

Sawn timber, dried 8-14%

Thickness from 16 to 100 mm

Width from 78 to 250 mm

Lengths 4000/3600/3300
3000/2700/2400



Sawn timber can be used in the construction – as building material.

Sawn timber – a product which is made by lengthwise sawing of round logs.

High load bearing capacity together with light weight give us light and stable framework. Quick installation of timber frameworks together with the use of new technologies in construction leads to an increase in the share of buildings made of wood in modern life.

Pine – one of the most popular materials in the construction, it has a high strength, resistance to deformation while shrinking, it is easy in processing, as well it is elastic and flexible and it is easy to work with.

Sawn timber is mostly quite popular and common material, as it is eco-friendly, durable, long lasting and reliable, as well the wood is the most available material.

One of the most versatile sawn wood products used in construction, is board. Boards having a thickness up to 100 mm and a width of double or more thicknesses.

Our core product is edged board.

Field of application depends on the percentage of boards final moisture products:

- 8-10% humidity – (dry materials), flooring, boards, panels.
- 12-16% humidity – (universal materials) baseboards, window frames, architraves, door box.
- 18% humidity – sheathing, exterior trim, roof trusses, doors and windows box.



KVH/GLUED LAMINATED TIMBER

KVH industrial quality
Wood - Pine

C24 Strength class are finger jointed.
Thickness from 35 to 60 mm
Width from 100/120/140/160/180/200

Lengths up to 13000 mm



Fire resistant. Because of its highly ecological and energysafety qualities is urgently used in modern building. Industrial quality with/without GL24 Strength class. It consists at least of 2 glued lamellas made of coniferous wood which finger jointed.

Glulam industrial quality
GL 24 strength class
Thickness up to 400 mm
Width from 100 to 240 mm
Lengths up to 13 000 mm

Glue Laminated Beams are superior in all strength characteristics to solid sawn lumber and pound for pound, stronger than steel. Unlike other engineered wood products glulam beams are able to accept many different types of treatment.

Its advantages: stability in size, minimum deformation, ecological safety, minimum shrinking and cracking, minimizing building terms. It can be used as rafters, ridge beams, garage door headers, basement beams, stair stringers, window headers.



GLUED PANELS

Glued finger jointed panel
A/B, B/C, C/C quality

Thickness - from 14 up to 40 mm

Size - from 300 up to 1250 x 2500
mm

Wood - Pine



Edge-glued panels are relatively wide and thin non-structural wood products used in the manufacture of other products such as furniture and cutting boards. They are produced from narrow pieces of wood glued along their edges to create products of greater width.

Is the most popular material in construction and furniture production widely used in creation of stairs, wall and ceiling panels, beds, doors, furniture elements and other interior elements.

Rezult manufactures different dimensions finger jointed panels of mix grain lamellas. Wood panels are qualified into categories A, B, C (depending on the number of knots and some other defects).



CLT

CLT panels

Thickness 60-320 mm

Width up to 3 500 mm

Lengths up to 18 000 mm



Construction line of the Rezult CLT panels (Cross-Laminated Timber) - wooden panels, manufactured from laminated layers of solid or optimized (finger-joined) sawn timber where every layer is laying in perpendicular direction to each one.

Why CLT:

- Ecology
- No shrinking
- Aesthetics - no limits in outer decoration for any kind of materials
- The best bearing features-is possible to build high-rise buildings limited with only performance capabilities of a development company or country legislation in the place of erection works.
- High durability to open fire (firing speed - 0.8 mm per minute, fireproof wall is resistant to wildfire minimum 90 minutes)


CLT panels are available in two types: visual and non-visual quality grade. Visual grade panels can be used without external finishing due to the aesthetic appeal of wood as a finishing material.



OUR CLT HOUSES (exhibition area)







Rezult Ukraine LLC
Ukraine, 01054 ,
Kyiv, Yaroslaviv Val str., 38
E-mail: office@rezult.pro
www.rezult.pro

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