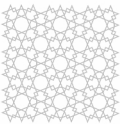
KAPSTROY dome

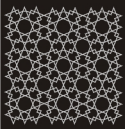
LVL constructions

2014

www.kapstroy-dome.com



All you need is LVL !



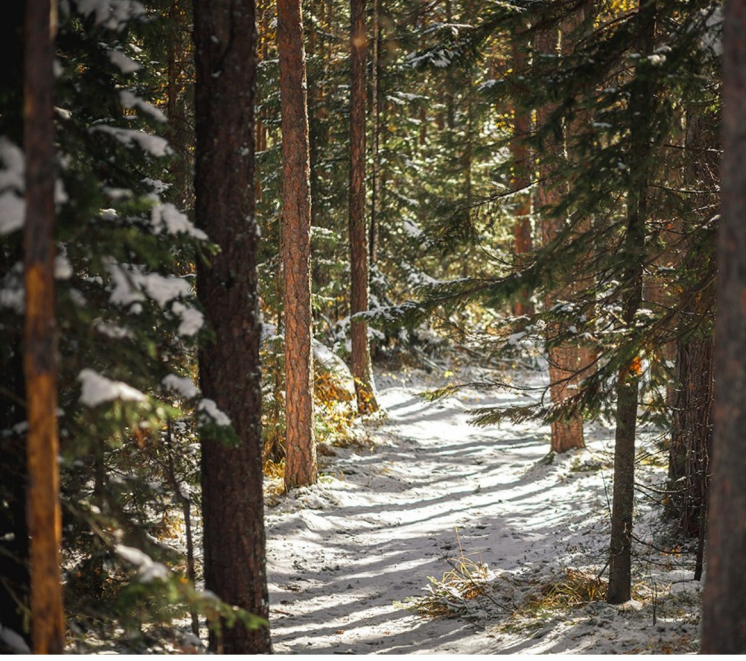
Material's development history

Since the startup of the "Taleon-Terra" Plant in April, 2009 its products have been actively used by KAPSTROY-DOME for its design decisions. High-technology manufacturing of Ultralam™ products and high quality of the laminated veneer lumber (LVL) are provided due to applying the most sophisticated developments in the area of wood processing. The unique 60 meter press designed by Dieffenbacher is used at the plant for continuous pressing of LVL that makes it possible to produce very long beams unless the dimensions are limited by transportability thereof.

Great reserves of the Siberian wood are the source of the high-quality and ecologically clean raw materials used for manufacturing the LVL. Severe Siberian climate provides high strength of the softwood.

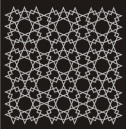
The systems of laser scanning and high-precision computerized mechanisms enable to recover natural inhomogeneities and defects from the sheets of veneerto produce the wooden material that is notable for its strength properties that are considerably better that the same of the solid (natural) wood.

The methods used for sorting the veneer, the technology of continuous pressing and microwave pre-heating facilitate penetrating of the resin into the wood structure that also makes the LVL tougher and more reliable.



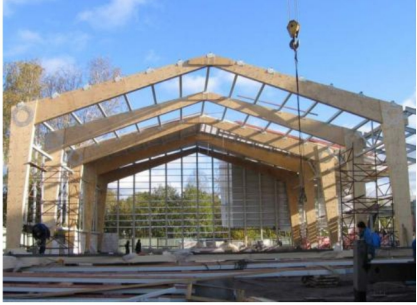
Phenol-formaldehyde glue with enhanced water resistance and low emission class is used for the LVL producing. Pressing is carried out at +185°C. Ultralam moisture is about 8-12%.

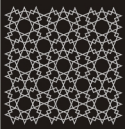
Laminated veneer lumber was invented in the USA in 1930s. Initially this material was used for manufacturing plane propellers and other high-strength aircraft components during the Second World War. In 1970s Art Troutner and Harold Thomas, the founders of Trus Joist International, began using glued veneers which were laid-up in parallel direction for I-joists fabrication, as well as for beams and trusses. Liquid phenol-formaldehyde glue PF179 or PF180 produced by Hexion is used for veneer sheets gluing. Emission class is E1.



Examples of the projects using LVL*

*all you'll see we could

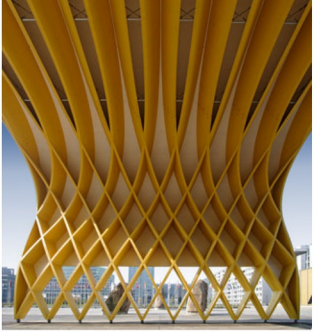




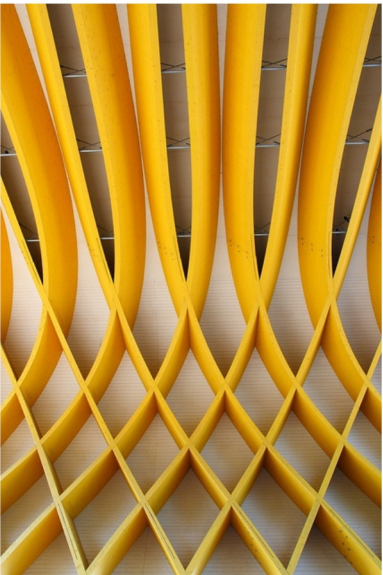
Complex space structures*

*all you'll see we could

Main entrance to the Austria Center Vienna
Design by architect Christian Knecht

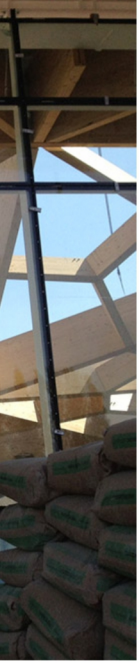


Strength properties of the LVL make it possible to create complex geometrical shapes for architectural objects of various spans and for any design decision.



Roof construction for the airport in Kutaisi, Georgian Republic. Gluing of the beams on site with the innovative HESS LIMITLESS System.

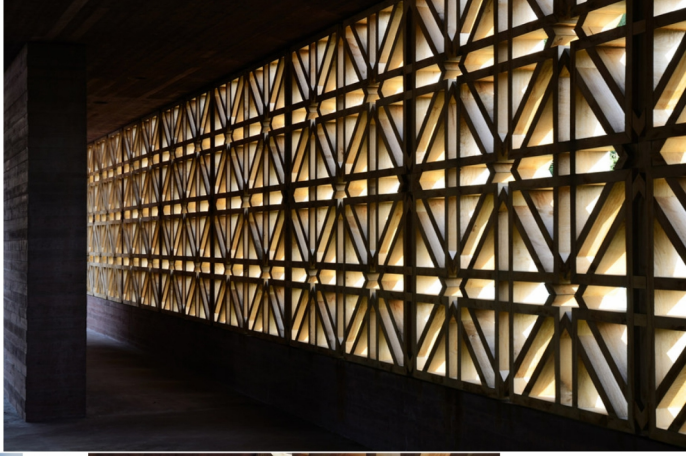
Many constructive decisions are implemented by combining metal and wooden elements for complex constructions and other building bearing systems.

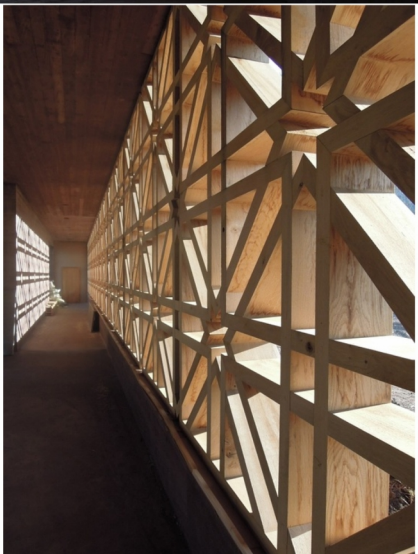


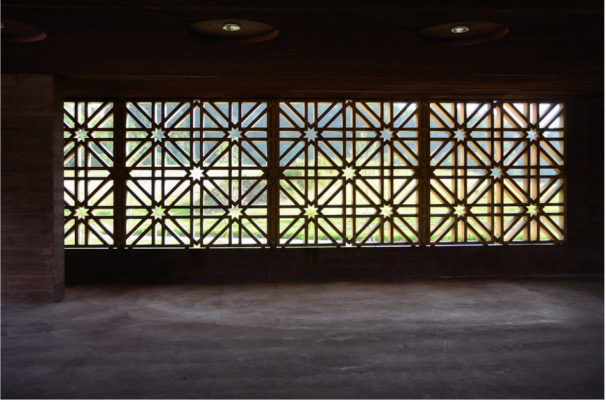
LVL is the sheet material actively used for realizing design ideas for open space interiors.

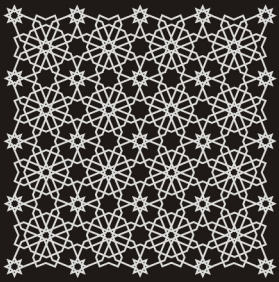
Sides of the buildings may be made using patterns of any complexity

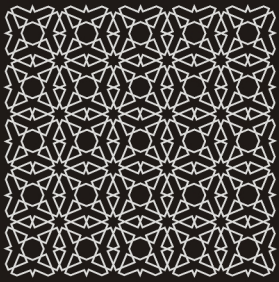
Islamic Cemetery, Altach, Austria / Bernardo Bader Architects

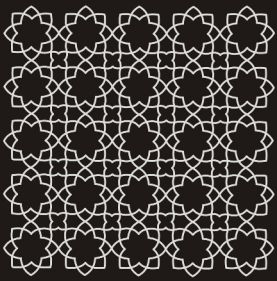


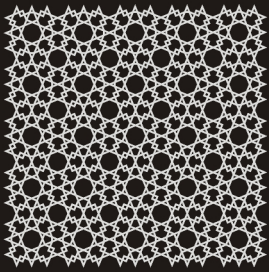


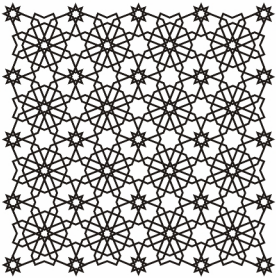


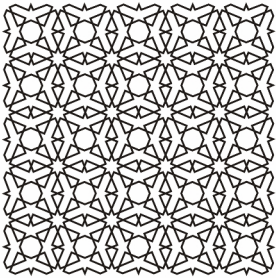


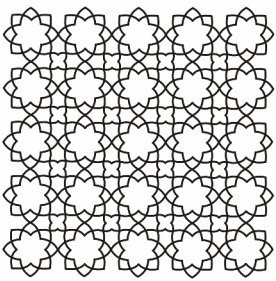


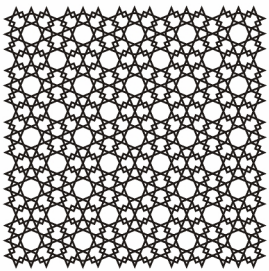




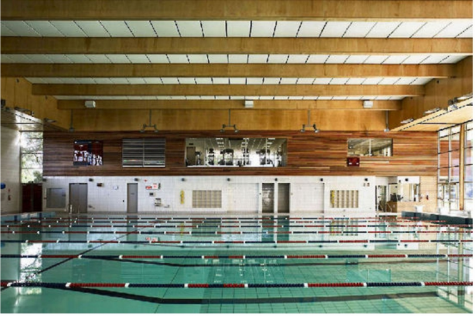


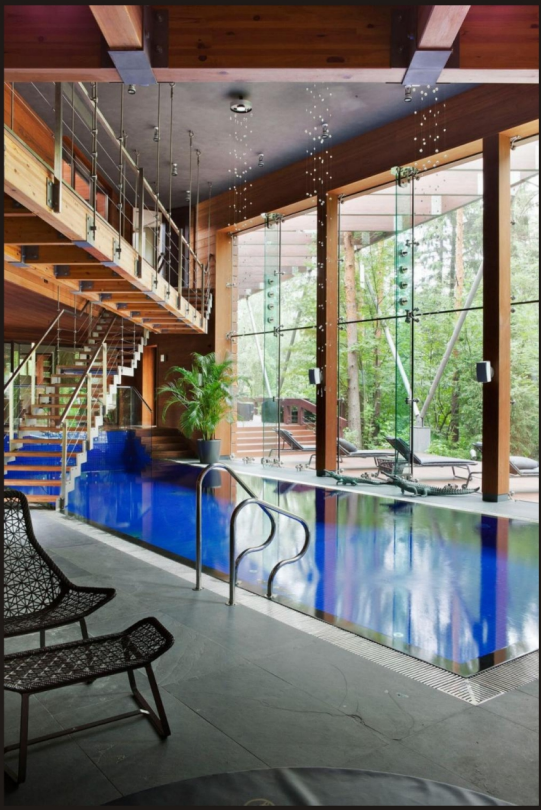


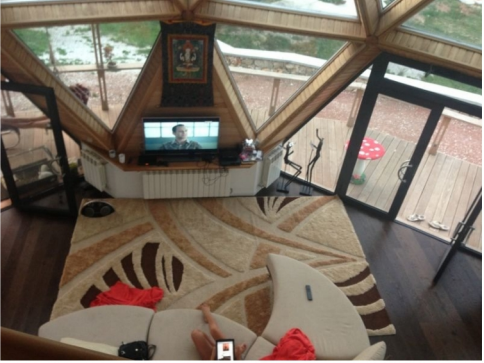




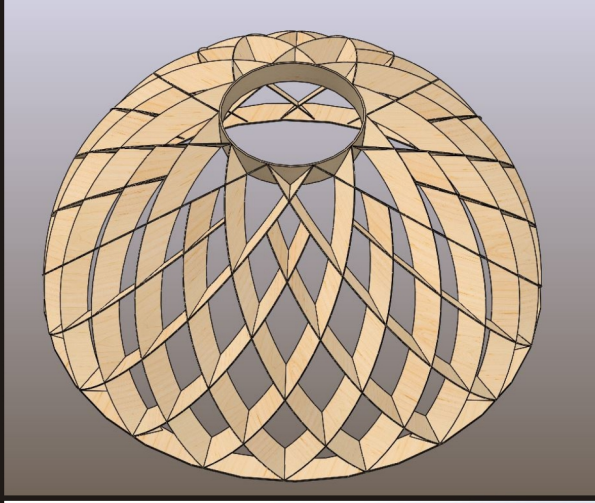
Metropol Parasol. La Encarnación square, in the old quarter of Seville, Spain.
Designed by the German architect Jürgen Mayer-Hermann

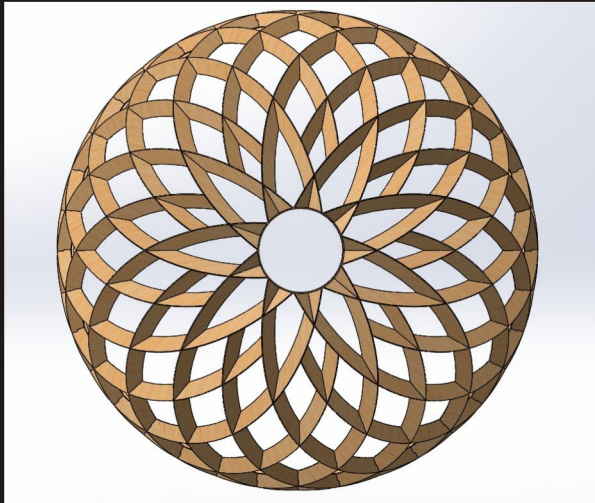


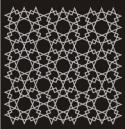




Short span bridges







Mechanical and physical properties of the material

Ultralam is produced in a form of boards and billets;
length varies from 2500 to 20500 mm with an increment of 500 mm.
Width: from 40 to 1250 mm; height (thickness): from 24 to 100 mm.
Max length deviation is ±5 mm; width deviation is ±1 mm.
Thickness deviations shall be within the range of + 1 to – 1mm,
what meets European requirements EN 408.

"Major advantages of LVL include its dimension, shape, high strength properties and low cost. The size of LVL is not limited by log size, due to its manufacturing method. LVL is one of the strongest wood-based construction materials relative to its density. Because it is manufactured with homogeneous quality that has a minimum number of defects or even distribution of defects, mechanical properties of the final product can be predicted. In general, LVL can be produced in different shapes depending on for what it will be used. It also has the great advantage of using wood resources efficiently."

Material	Description	Application
Ultralam R	All veneer plies have parallel grain orientation. Veneer of G1 and G2 grades (mainly G2) is used for production	Mainly in the bearing structures
Ultralam X	Some veneers in the billet have crossply position. Veneer of G2 and G3 grades is used for production	Bearing and fencing structures
Ultralam I	All veneer plies have parallel grain orientation Veneer of G3 and G4 grades is used for production	Fencing structures, including billets for doors and furniture, etc.

ASSORTMENT OF STANDARD LAMINATED VENEER LUMBER PRODUCED UNDER ULTRALAM TRADEMARK

Below are standard dimensions of Ultralam R:

Thickness, mm	30, 33, 36, 39, 45, 51, 63, 75, 90, 100
Width (height), mm	120, 150, 160, 200, 220, 240, 260, 300, 360, 400, 420, 450, 500, 600, 1250
Length, mm	4, 6, 8, 8.5, 9, 9.5, 10, 10.5, 12, 12.5, 13, 13.5

Below are standard dimensions of Ultralam X and I:

Thickness, mm	27, 30, 33, 36, 39, 45, 51, 63, 75
Width (height), mm	120, 150, 160, 200, 220, 240, 260, 300, 360, 400, 420, 450, 500, 600, 1250
Length, mm	4, 6, 8, 8.5, 9, 9.5, 10, 10.5, 12, 12.5, 13, 13.5

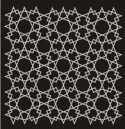
Below are standard dimensions of Ultralam I:

Thickness, mm	27, 30, 33, 36, 39, 45, 51, 63, 75
Width (height), mm	120, 150, 160, 200, 220, 240, 260, 300, 360, 400, 420, 450, 500, 600, 1250
Length, mm	4, 6, 8, 8.5, 9, 9.5, 10, 10.5, 12, 12.5, 13, 13.5

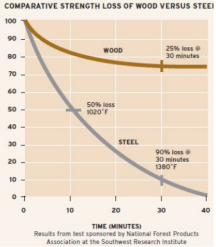
Final product is tested at the laboratory of the "Taleon-Terra" Plant. The equipment available at the laboratory makes it possible to measure main physical and mechanical properties of the final product as well as density of the material.

Innovative technologies in the area of wood processing industry enable to produce wooden composite materials for constructions excelling solid wood in physical and mechanical properties. Glued laminated wood having unlimited cross-section size and length has become wide-spread in modern practice.
New constructional material – laminated veneer lumber (LVL) – is one of the sorts of the glued laminated wood that is obtained by gluing together the sheets of unidirectional rotary-cut veneer made of soft wood. Production technology of the LVL enables to reduce negative influence of natural defects of the wood that substantially increases its toughness characteristics.

Laminated veneer lumber LVL is made of 9 or more veneer sheets having thickness of about 3 mm. Said sheets are laid-up in longitudinal direction of the product and are glued together parallel to the grains of the adjacent sheets.



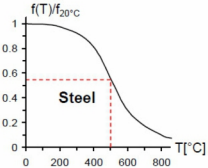
Safety



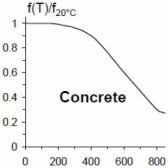
"When exposed to fire, wood retains its strength for a longer period of time than metal. Unprotected metals quickly lose their strength and collapse suddenly, often with little warning. In contrast, wood loses strength slowly and only as material is lost through surface charring."

Steel beams have melted and collapsed over charred timber beam which, despite heavy damage, remains in place.

Steel behavior in fire



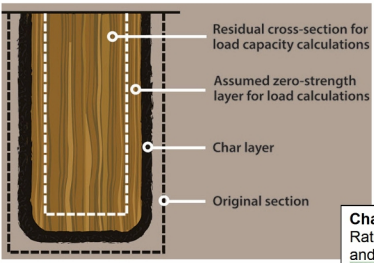
Concrete behavior in fire

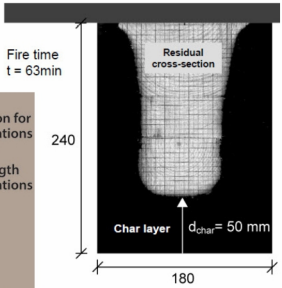


Steel	Critical Temperature
Columns	538°C
Beams Open Web Steel Joists	593°C
Prestressed Steel	426°C

Timber behavior in fire

Design of timber structures in fire performed accordingto EN 1995-1-2 (or BS EN 1995-1-2 - British Standard).

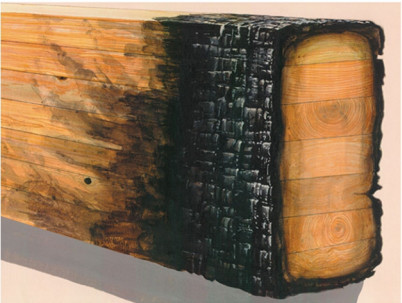




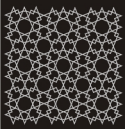
Charring rate β:
Ratio between charring depth dchar and fire time t (in mm/min)

$$\beta = \frac{d_{char}}{t}$$

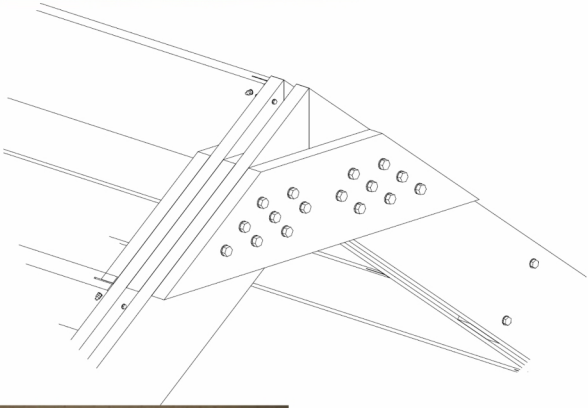
$$\beta = \frac{d_{char}}{t} = \frac{50mm}{63min} = 0.8\,mm/min$$



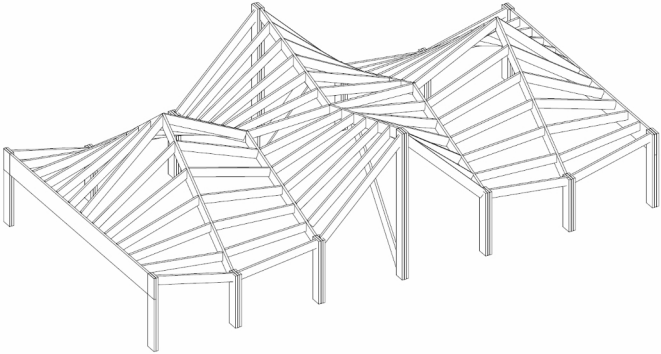
Char layer protects the residual cross-section from high temperatures. Timber constructions provide adequate fire resistance for occupants to evacuate the building safely. Steel and concrete constructions are quick collapsed in compare with timber.

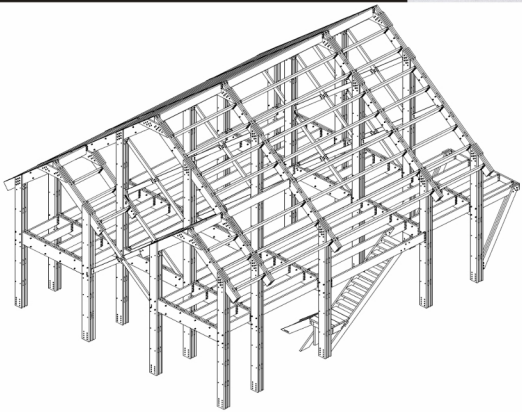


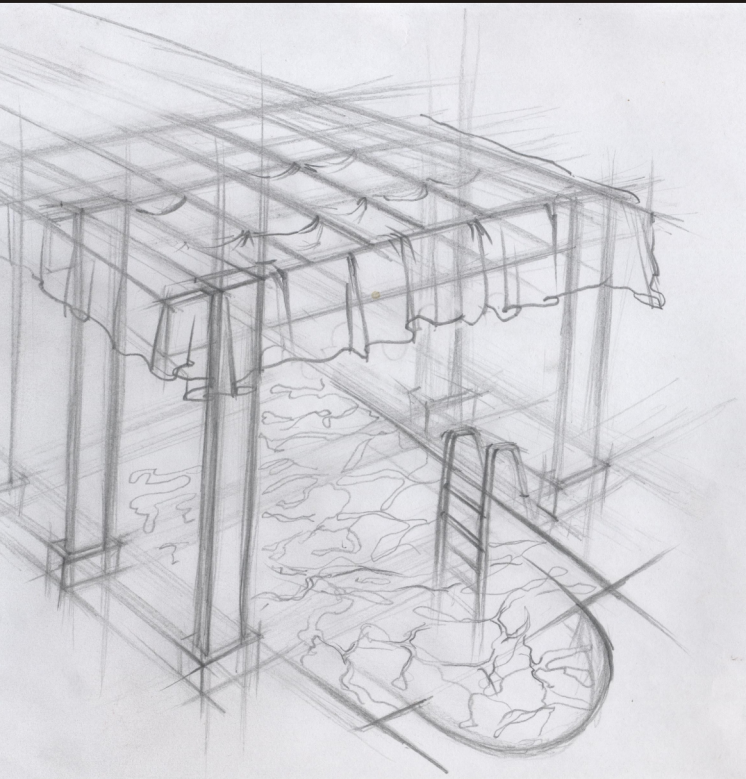
Assembly

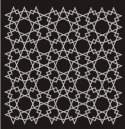



ROCKWOOL





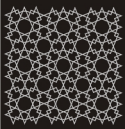




Delivery

Delivery of the constructions is carried out by various means of transport. All wooden elements are covered with antiseptic and fire-prevention protectors. When transporting the construction parts are packed into special packages, saving the protective covering thereof from moisture, ultra-violet rays and mechanical damages.


ultralam



Certificates

НСОПБ

СИСТЕМА ДОБРОВОЛЬНОЙ СЕРТИФИКАЦИИ В ОБЛАСТИ ПОЖАРНОЙ БЕЗОПАСНОСТИ

регистрационный №РОСС RU.M704.04ЮАБ0

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ **НСОПБ.RU.ПР026.Н.00044** (номер сертификата соответствия)

000455 (учетный номер бланка)

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ОРГАН ПО СЕРТИФИКАЦИИ (наименование и местонахождение органа по сертификации, выдавшего сертификат соответствия) ОС «Огнестойкость» ЗАО «ЦСИ «Огнестойкость». 109428, г. Москва, ул. 2-я Институтская, д. 6, тел. (495) 709-32-83, факс (495) 709-32-84. ОГРН: 1105018003936. Свидетельство об подтверждении компетентности № НСОПБ ЮАБ0.RU.ОС.ПР.026/2 выдано 23.12.2011 г. Ассоциацией «Национальный совоз организаций в области обеспечения пожарной безопасности»

ПОДТВЕРЖДАЕТ, ЧТО ПРОДУКЦИЯ (информация о сертифицированной продукции, идентифицирующая продукцию) Брус клеевый из шпона, выпускаемый по ТУ 5366-052-6915009120-2008.

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ (наименование нормативных документов, стандартов организаций, сводов правил, условий договоров на соответствие требованиям которых проводилась сертификация) группа горючести - Г4 (ГОСТ 30244-94), группа воспламеняемости – В2 (ГОСТ 30402-96), группа распространения пламени – РП4 (ГОСТ Р 51032-97), группа дымообразующей способности – Д3 (ГОСТ 12.1.044-89*), группа токсичности продуктов горения – Т3 (ГОСТ 12.1.044-89*)

код ОК 005 (ОКП) 53 6660

код ТН ВЭД России ---

ПРОВЕДЕННЫЕ ИССЛЕДОВАНИЯ (ИСПЫТАНИЯ) И ИЗМЕРЕНИЯ Протокол испытаний № 5сд/см-2012 от 02.10.2012 г. ИЦ «Огнестойкость» ЗАО «ЦСИ «Огнестойкость», рег.№ НСОПБ ЮАБ0.RU.ИЛ.ПР.024/2 выдано 23.12.2011 г. Акт о результатах анализа состояния производства № 025 сд/см/оп от 30.08.2012 г. ОС «Огнестойкость» ЗАО ЦСИ «Огнестойкость», рег. № НСОПБ ЮАБ0.RU.ОС.ПР.026/2 от 23.12.2011 г.

ПРЕДСТАВЛЕННЫЕ ДОКУМЕНТЫ (документы, представленные заявителем в орган по сертификации в качестве доказательств соответствия продукции)

СРОК ДЕЙСТВИЯ СЕРТИФИКАТА СООТВЕТСТВИЯ с **23.10.2012** по **22.10.2015**

Руководитель (заместитель руководителя органа по сертификации) (подпись, инициалы, фамилия) **Н. В. Ковыршина**

Эксперт (эксперты) (подпись, инициалы, фамилия) **Л. Н. Сазонова**

Орган по сертификации продукции ЗАО «ЦСИ «Огнестойкость» НСОПБ

Копия или отпуск ЗАО «Огнестойкость» ЗАО «ЦСИ «Огнестойкость» запрещены. Адрес: 109428, г. Москва, ул. 2-я Институтская, д. 6, стр. 1. Тел.: (495) 709-32-83 / факс: (495) 709-32-84 / Москва, 2011 / www.spb-cert.ru

СИСТЕМА СЕРТИФИКАЦИИ ГОСТ Р

ФЕДЕРАЛЬНОЕ АГЕНТСТВО ПО ТЕХНИЧЕСКОМУ РЕГУЛИРОВАНИЮ И МЕТРОЛОГИИ

Добровольная сертификация

СЕРТИФИКАТ СООТВЕТСТВИЯ

№ РОСС RU.СЛ87.Н01487

Срок действия с 11.04.2014 по 11.04.2017

№ 1168455

ОРГАН ПО СЕРТИФИКАЦИИ

РОСС RU.0001.10СЛ87 от 24.06.2011
ОС «ОАО «НИЦ «СТРОИТЕЛЬСТВО»
Россия, 109428, г. Москва, 2-я Институтская ул., д. 6
Тел./факс: (499) 170-70-01

ПРОДУКЦИЯ

код ОК 005 (ОКП)

Брус клеёный из шпона
Выпускается по ТУ 5366-052-6915009120-2013
Серийный выпуск

53 6660

СООТВЕТСТВУЕТ ТРЕБОВАНИЯМ НОРМАТИВНЫХ ДОКУМЕНТОВ

код ТН ВЭД России

ТУ 5366-052-6915009120-2013

4418 90 900 0

ИЗГОТОВИТЕЛЬ

ООО «СТОД» (Филиал ООО «СТОД» в г. Торжок – Завод «Талион Терра»)
Россия, 172011, Тверская обл., г. Торжок, ул. Старицкая, д. 96-а
ИНН 7840322535 Тел. (48251) 2-77-05; факс 48251) 2-77-07

СЕРТИФИКАТ ВЫДАН

ООО «СТОД» (Филиал ООО «СТОД» в г. Торжок – Завод «Талион Терра»

НА ОСНОВАНИИ

Протокола сертификационных испытаний № 107 от 01.04.2014 ИЦ «ЦНИИСК им. В. А. Кучеренко, г. Москва, № РОСС RU.0001.22ОМ15 от 22.12.2010.

ДОПОЛНИТЕЛЬНАЯ ИНФОРМАЦИЯ

Сертификация проведена по схеме 3

М.П. Руководитель органа — подпись — П. А. Рахманов (инициалы, фамилия)

Эксперт — подпись — Ю. Ю. Славик (инициалы, фамилия)

Сертификат не применяется при обязательной сертификации

DIBt

Allgemeine bauaufsichtliche Zulassung

Deutsches Institut für Bautechnik
ANSTALT DES ÖFFENTLICHEN RECHTS

Zulassungsstelle für Bauprodukte und Bauarten
Bautechnisches Prüfamt
Mitglied der Europäischen Organisation für Technische Zulassungen EOTA und der Europäischen Union für das Agrément im Bauwesen UEAtc

Tel.: +49 30 78730-0
Fax: +49 30 78730-320
E-Mail: dibt@dibt.de

Datum:
25. Mai 2010

Geschäftszeichen:
II 23-1.9.1-745/08

Zulassungsnummer:

Z-9.1-811

Geltungsdauer bis:

24. Mai 2015

Antragsteller:

MLT Ltd.
14 Bolshaya Marskaya Str., ST. PETERSBURG, RUSSISCHE FÖDERATION

Zulassungsgegenstand:

Furnierschichtholz "Ultralam R", "Ultralam RS" und "Ultralam X"

Der oben genannte Zulassungsgegenstand wird hiermit allgemein bauaufsichtlich zugelassen.
Diese allgemeine bauaufsichtliche Zulassung umfasst neun Seiten und zwei Anlagen.

MPA **MPA STUTTGART**
Otto-Graf-Institut

Materialprüfungsanstalt • Universität Stuttgart

Notified Body 0672

EC-Certificate of Conformity

0672

In compliance with the Directive 89/106/EEC of the Council of European Communities of 21 December 1988 on the approximation of laws, regulations and administrative provisions of the Member States relating to the construction products (Construction Products Directive - CPD), amended by the Directive 93/68/EEC of the Council of European Communities of 22 July 1993, it has been stated that the

construction product:	**Laminated Veneer Lumber ULTRALAM-R, ULTRALAM-R² and ULTRALAM-X**
produced in the factory:	**MLT Ltd., Torzhok, RUSSIA**
by the manufacturer:	**MLT Ltd.** **14 Bolshaya Morskaya Str.,** **191186, St. Petersburg, RUSSIA**

is submitted by the manufacturer to a factory production control and that the notified body

Materialprüfungsanstalt der Universität Stuttgart
MPA Stuttgart – Otto-Graf-Institut (FMPA)
Postfach 80 11 40
70511 Stuttgart / Germany

has performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control.

The certificate with the number

0672-CPD-I 14.04.1

attests that the aforementioned building product complies with the requirements of Annex ZA of the harmonized European standard

EN 14374.

Hence, the company is entitled to label the building product of the manufacturing plant MLT Ltd., Torzhok, Russia, with the EU conformity marking (CE-mark).

This certificate was first issued on 08. May 2009 and remains valid as long as the conditions laid down in the harmonised standard in reference or the manufacturing conditions in the factory or the FPC itself are not modified significantly.

Stuttgart, 22. October 2009

Materialprüfungsanstalt
Universität Stuttgart
Abteilung Holzbau
Zertifizierungsstelle

(Dr. S. Aicher)
Academic Director
Head of Certification Body

UNIVERSITÄT STUTTGART MATERIALPRÜFUNGSANSTALT

In case of doubt, the German version is valid.

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Western Region

3637 Motor Avenue
Suite 380
Los Angeles, CA 90034

Phone: 310.559.7287
Fax: 310.559.1368

Website
www.pfscorporation.com

J. Robert Nelson, PE
Senior Vice President
nelson@pfscorporation.com

Headquarters
Cottage Grove, WI
608.839.1013

Regional Offices

Northeast
Bloomsburg, PA
570.784.8396

Southcentral
Plano, TX
972.424.2740

Western
Los Angeles, CA
310.559.7287

Midwest
Cottage Grove, WI
608.839.1013

Southeast
Raleigh, NC
919.545.8450

Sales Office
Mentone, AL
256.634.4071

April 13, 2010

To Whom It May Concern:

This letter is to certify that the MLT LVL manufacturing plant located in Tver Region, Torzhok, Staritskaya Str., 96-a, Russia conforms to PFS Corporation's Prefabricated Component Program for Engineered Wood Products. The 1-3/4" thick 2.0E & 1.8E grades of LVL were tested in accordance with ASTM D5456 Standard Specification for Evaluation of Structural Composite Lumber Products.

The production of the test samples were witnessed by PFS and the testing was conducted by TTS Inc. in Edmonton, AB, Canada. TTS Inc. is an IAS Accredited laboratory and the test results are presented in their report dated February 19, 2009.

The PFS program consists of a certification audit, monthly unannounced inspections by a PFS representative and an in-depth audit once a year by a PFS engineer. During the inspections, the daily quality control testing required in the approved Quality Control Manual is witnessed. The results of the QC testing are forwarded to me on a monthly basis.

The Table 1 Allowable Design Stresses and Table 2 Fastener Details are attached. If you have any questions or require any additional information, please let me know.

Sincerely,

J. Robert Nelson, P.E.
Senior Vice President

SCC Accredited
CSI-FVS

IAS
ACCREDITED

The Rainforest Alliance

ООО "СТОД" / MLT LTD

14, Bolshaya Morskaya st.
St.Petersburg, 191186
RUSSIA

IS CERTIFIED FOR FOREST STEWARDSHIP COUNCIL CHAIN-OF-CUSTODY AND CONTROLLED WOOD

Certificate Registration Code: SW-COC-004232
SW-CW-004232

Valid from: July 24, 2009 to July 23, 2014

CERTIFICATE SCOPE:

Single Chain-of-Custody /Controlled Wood certificate based on FSC-STD-40-004 / FSC-STD-40-005. Additional details regarding the certificate scope, including products and species, are found at fsc-info.org.

Jon Jickling

Jon Jickling
Certification Quality and Systems Manager
SmartWood Program of the Rainforest Alliance
65 Millet Street, Suite 201, Richmond, Vermont USA 05477

SMARTWOOD IS A PROGRAM OF THE RAINFOREST ALLIANCE ACCREDITED BY THE FSC

This certification was conducted in collaboration with NEPCon, a partner organization to the FSC accredited Rainforest Alliance.

This certificate is not evidence that a product is FSC-certified; additional documentation is required from the certificate holder.

This certificate is the property of the SmartWood program of the Rainforest Alliance. Upon suspension or termination of your certification or reissue of your certificate, this certificate must be returned to SmartWood.

ACCREDITED
FSC-ACC-004
© 1996 Forest Stewardship Council A.C.

FSC

RAINFOREST ALLIANCE CERTIFIED

Eingetragen / Registered 03/08/2009

No 007207616

HABM – HARMONISIERUNGSAMT FÜR DEN BINNENMARKT
MARKEN, MUSTER UND MODELLE

EINTRAGUNGSURKUNDE

Diese Eintragungsurkunde wird für die unten angegebene Gemeinschaftsmarke ausgestellt. Die betreffenden Angaben sind in das Register für Gemeinschaftsmarken eingetragen worden.

OHIM – OFFICE FOR HARMONIZATION IN THE INTERNAL MARKET
TRADE MARKS AND DESIGNS

CERTIFICATE OF REGISTRATION

This Certificate of Registration is hereby issued for the Community Trade Mark identified below. The corresponding entries have been recorded in the Register of Community Trade Marks.

Ultralam

Der Präsident / The President

Wubbo de Boer

HARMONISIERUNGSAMT FÜR DEN BINNENMARKT
(MARKEN, MUSTER UND MODELLE)

Hauptabteilung Marken und Register

Alicante, 15/06/2009

TER MEER STEINMEISTER &
PARTNER GBR
Artur-Ladebeck-Str. 51
D-33617 Bielefeld
ALEMANIA

Eintragungsurkunde[1]

17 Juli 2009

Eintragungsnummer:	**007207616**
Ihr Zeichen:	08.STM.W01.EU
Marke:	Ultralam
Anmelder:	MLT LLC. 96-A, Staritskaya Str. Torzhok 172011 FEDERACIÓN DE RUSIA

Anbei erhalten Sie die Eintragungsurkunde für die Gemeinschaftsmarke Nr. 007207616, die im Blatt für Gemeinschaftsmarken Nr. 2009/022 am 15/06/2009 veröffentlicht wurde (siehe Website des HABM: http://oami.europa.eu).

71

Diese Urkunde enthält Angaben aus dem Register für Gemeinschaftsmarken vom Tag der Eintragung (siehe Code 151 auf der Urkunde). Sollten Sie an oder nach diesem Tag einen Antrag auf Änderung einer Angabe gestellt haben, wird Ihnen keine neue Urkunde ausgestellt. Das Amt übersendet Ihnen mit getrennter Post eine Mitteilung über die Änderung. Sie können dann einen Auszug aus unserer Datenbank beantragen, um Informationen zum Rechtsstand Ihrer Marke einzuholen.

Zwecks Erläuterung der Codes der Urkunde konsultieren Sie bitte das Vademecum auf der Website des HABM: http://oami.europa.eu/pdf/mark/vademecum-ctm-de.pdf.

Sollten Sie mit den Angaben in Ihrer Urkunde nicht zufrieden sein, senden Sie bitte nicht das Original, sondern ein Schreiben mit Ihren Einwänden an das Amt zurück. Das Amt bearbeitet dieses getrennt.

Catherine DOBSON

[1] gemäß Regel 24(1) der Verordnung (EG) Nr. 2868/95 der Kommission vom 13 Dezember 1995 zur Durchführung der Verordnung (EG) Nr. 40/94 des Rates über die Gemeinschaftsmarke („Verordnung zur Durchführung der Verordnung über die Gemeinschaftsmarke" oder "GMDV") (http://oami.europa.eu)

HABM – HARMONISIERUNGSAMT FÜR DEN BINNENMARKT
MARKEN, MUSTER UND MODELLE

OHIM – OFFICE FOR HARMONIZATION IN THE INTERNAL MARKET
TRADE MARKS AND DESIGNS

72

210 007207616
220 25/06/2008
400 27/10/2008

151 03/06/2009
450 15/06/2009

186 25/08/2018
541 Ultralam
732 MLT LLC.
96-A, Staritskaya Str.
172011 Torzhok
RU
740 TER MEER STEINMEISTER & PARTNER GBR
Artur-Ladebeck-Str. 51
33617 Bielefeld
DE
270 DE EN
511 **BG** - 19
Строителни материали от дърво, по-специално дървени фурнирни слоя за покритие.
ES - 19
Materiales para la construcción de madera, en particular chapas de madera.
CS - 19
Stavební materiály ze dřeva, zejména dýhovaného dřeva.
DA - 19
Byggematerialer af træ, særlig fineret limtræ.
DE - 19
Baumaterialien aus Holz, insbesondere Furnierschichtholz.
ET - 19
Puidust ehitusmaterjalid, eelkõige vineerpuit.
EL - 19
Υλικά κατασκευών από ξύλο, ειδικότερα πλακώδης ξυλεία.
EN - 19
Building materials of wood, in particular veneer plywood.
FR - 19
Matériaux de construction en bois, en particulier contreplaqué.
IT - 19
Materiali da costruzione in legno, in particolare compensato per impiallacciature.
LV - 19
Koka būvmateriāli, jo īpaši kārtainais koka finieris.
LT - 19
Statybinės medžiagos iš medienos, ypatingai iš faneros.
HU - 19
Fa építőanyagok, különösen furnér vágott fa.
MT - 19
Materjal ta' l-injam ghall-bini, speċjalment fuljetti ta' l-injam ghall-kisi.
NL - 19
Bouwmaterialen van hout, met name fineerhout.
PL - 19
Materiały budowlane z drewna, zwłaszcza sklejki.
PT - 19
Materiais de construção em madeira, em especial madeira folheada.
RO - 19
Materiale de construcții din lemn, în special lemn furniruit.
SK - 19
Stavebné materiály z dreva, predovšetkým dyhové vrstvové drevo.
SL - 19
Gradbeni materiali iz lesa, zlasti furnirni slojni les.
FI - 19
Rakennusaineet puusta, erityisesti puulamination.
SV - 19
Byggnadsmaterial av trä, speciellt kryssfaner.

REQUIREMENTS TO MAINTAIN YOUR FEDERAL TRADEMARK REGISTRATION

WARNING: YOUR REGISTRATION WILL BE CANCELLED IF YOU DO NOT FILE THE DOCUMENTS BELOW DURING THE SPECIFIED TIME PERIODS.

Requirements in the First Ten Years*
What and When to File:

- ***First Filing Deadline:*** You must file a Declaration of Use (or Excusable Nonuse) between the 5th and 6th years after the registration date. *See* 15 U.S.C. §§1058, 1141k. If the declaration is accepted, the registration will continue in force for the remainder of the ten-year period, calculated from the registration date, unless cancelled by an order of the Commissioner for Trademarks or a federal court.

- ***Second Filing Deadline:*** You must file a Declaration of Use (or Excusable Nonuse) **and** an Application for Renewal between the 9th and 10th years after the registration date.* *See* 15 U.S.C. §1059.

Requirements in Successive Ten-Year Periods*
What and When to File:

- You must file a Declaration of Use (or Excusable Nonuse) **and** an Application for Renewal between every 9th and 10th-year period, calculated from the registration date.*

Grace Period Filings*

The above documents will be accepted as timely if filed within six months after the deadlines listed above with the payment of an additional fee.

The United States Patent and Trademark Office (USPTO) will NOT send you any future notice or reminder of these filing requirements.

***ATTENTION MADRID PROTOCOL REGISTRANTS:** The holder of an international registration with an extension of protection to the United States under the Madrid Protocol must timely file the Declarations of Use (or Excusable Nonuse) referenced above directly with the USPTO. The time periods for filing are based on the U.S. registration date (not the international registration date). The deadlines and grace periods for the Declarations of Use (or Excusable Nonuse) are identical to those for nationally issued registrations. *See* 15 U.S.C. §§1058, 1141k. However, owners of international registrations do not file renewal applications at the USPTO. Instead, the holder must file a renewal of the underlying international registration at the International Bureau of the World Intellectual Property Organization, under Article 7 of the Madrid Protocol, before the expiration of each ten-year term of protection, calculated from the date of the international registration. *See* 15 U.S.C. §1141j. For more information and renewal forms for the international registration, see http://www.wipo.int/madrid/en/.

NOTE: Fees and requirements for maintaining registrations are subject to change. Please check the USPTO website for further information. With the exception of renewal applications for registered extensions of protection, you can file the registration maintenance documents referenced above online at http://www.uspto.gov.

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D - 76353 Weingarten, 17.07.2013

Abnahmeprüfzeugnis nach EN 10204:2005 - 3.1
(Certificate of Quality / Test Report)

Abnehmer/Consignee:

LLC "PORTAL"
INN7731406633
Ul. Werejskaja 9
121357 MOSKAU

Produkt/Product: 501.0

Chargen-Nr./Lot-No.: 30607069 **Prod.-Datum:** 07.06.2013

Auftrags-Nr./Order No.:

Lieferschein-Nr./Delivery No.:

Prüfungen/Test method	Ergebnisse Results	Einheiten Dimension	Spezifikationen Specification
Viskosität/Viscosity Brookfield dig. Sp.5/20U am Tag der Produktion / at the day of production	6800	mPa s	7000 +/- 1000

Das Produkt enthält keine Lösemittel // No solvents inherent

Die oben genannte Ware erfüllt die Spezifikation im Technischen Datenblatt.
Es werden nur geprüfte und freigegebene Rohstoffe für die Herstellung verwendet.
Zum Versand gelangt nur Ware, nachdem die einzelnen Produktchargen geprüft und freigegeben sind.
Aufgrund der Lagereinflüsse sind Veränderungen der Prüfwerte möglich.

The products fulfill described specifications in Technical Data Sheet.
Only controlled raw materials will be used for production. No product shall be despatched until all tests have been completed.
Stocking conditions may influence test results.

KLEBCHEMIE
M.G. Becker GmbH + Co KG

Klebchemie
M.G. Becker GmbH & Co.KG
D 76353 Weingarten
KLEBSTOFFE

United States of America

United States Patent and Trademark Office

ULTRALAM

Reg. No. 3,824,734

Registered July 27, 2010

Int. Cl.: 19

TRADEMARK

PRINCIPAL REGISTER

MLT LLC. MODERN LUMBER TECHNOLOGY LTD. (RUSSIAN FED. CORPORATION)
14 BOLSKAYA MORSKAYA STR.
ST. PETERSBURG, RUSSIAN FED. 191186

FOR: BUILDING MATERIALS OF WOOD, IN PARTICULAR VENEER PLYWOOD, IN CLASS 19 (U.S. CLS. 1, 12, 33 AND 50).

THE MARK CONSISTS OF STANDARD CHARACTERS WITHOUT CLAIM TO ANY PARTICULAR FONT, STYLE, SIZE, OR COLOR.

OWNER OF ERPN CMNTY TM OFC REG. NO. 007207616, DATED 6-3-2009, EXPIRES 8-25-2018.

SER. NO. 77-894,336, FILED 12-16-2009.

JACQUELINE A. LAVINE, EXAMINING ATTORNEY

David J. Kappos

Director of the United States Patent and Trademark Office

76

ВСЕРОССИЙСКАЯ ОРГАНИЗАЦИЯ КАЧЕСТВА

ЦЕНТР ЭКСПЕРТНЫХ ПРОГРАММ

ПРОГРАММА «РОССИЙСКОЕ КАЧЕСТВО»

СВИДЕТЕЛЬСТВО

№ 432-ЦЭП-15-12

Настоящее свидетельство удостоверяет, что качество

бруса клееного из шпона ULTRALAM
(международное название – Laminated Veneer Lumber),

выпускаемого Филиалом ООО «Современные Технологии Обработки Древесины» в г. Торжок – Завод «Талион Терра»,

соответствует высшему уровню качества,

установленному программой «Российское качество».

Программа ЦЭП ВОК №РК-ПР-ЦЭП-363-15-11
Отчет ЦЭП ВОК №РК-ЭО-363-ЦЭП-12

Президент
Всероссийской организации качества
Г.П.Воронин

Выдано 22.02.2012г.
Действительно до 22.02.2015г.

РОССИЙСКАЯ ФЕДЕРАЦИЯ

СВИДЕТЕЛЬСТВО

на товарный знак (знак обслуживания)

№ 428350

Ultralam

Правообладатель: ***Общество с ограниченной ответственностью "МЛТ. Современные технологии обработки древесины", 191186, Санкт-Петербург, ул.Б.Морская, 14 (RU)***

Заявка **№ 2010704157**
Приоритет товарного знака **12 февраля 2010 г.**
Зарегистрировано в Государственном реестре товарных знаков и знаков обслуживания Российской Федерации ***21 января 2011 г.***
Срок действия регистрации истекает **12 февраля 2020 г.**

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