

EG Konformitätserklärung
EG declaration of conformity
EG déclaration de conformité



gemäß Richtlinie 89/106/EWG, Anhang III.2.(i)
according to guideline 89/106/EWG, appendix III.2.(i)

<u>Hersteller:</u> <i>manufacturer</i> <i>fabricant</i>	MLT Ltd. 14 Bolshaya Morskaya Str., 191186 St.Petersburg, Russia
<u>Zertifizierungsstelle:</u> <i>notified laboratory</i>	Materialprüfungsanstalt Stuttgart Otto – Graf – Institut Pfaffenwaldring 4b DE – 70569 Stuttgart
<u>Produktbezeichnung:</u> <i>product identification</i>	Ultralam™ – R, Ultralam™ – Rs, Ultralam™ – X, Ultralam™ - I Furnierschichtholz für tragende Zwecke (LVL) <i>Structural laminated veneer lumber (LVL)</i>
<u>Produktnorm:</u> <i>product standard</i>	EN 14374:2004 Holzbauwerke – Furnierschichtholz für tragende Zwecke – Anforderungen <i>Timber structures – Structural laminated veneer lumber – Requirements</i>
<u>Bericht zur Erstprüfung:</u> <i>initial type testing</i>	MPA Stuttgart: 51210-901.6453.000/6 MPA Stuttgart: 51210-901.9914.000/2 MLT report: R-07052009-1 MLT report: I-16062011-I
<u>Qualitätskontrolle:</u> <i>quality control</i>	MLT Ltd. Laminated veneer lumber quality control manual
<u>Nummer des</u> <u>EG- Konformitätszertifikats:</u> Number of the certificate of conformity	MPA Stuttgart : CE 0672-CPD-I 14.04.1

Der Hersteller erklärt, dass das genannte Produkt den Bestimmungen der oben genannten Produktnorm–
einschließlich deren zum Zeitpunkt der Erklärung geltenden Änderungen – entspricht.


*The manufacturer declares, that the above named product meets the regulations of the above
marked standard, includingly the valid changes at time of declaration.*

St. Petersburg, July 11th 2011

CEO Atliyanik G.L.




Commercial document to ULTRALAM-R according to EN 14374

 0672	
MLT Ltd., 96-A Staritskaya Str., 172011 Torzhok Russia 09 0672-CPD-I 14.04.1	
EN 14374 Structural LVL for Building and Bridge applications	
Bending strength:	
Edgewise	48 N/mm ²
Size effect parameter	0,15
Flatwise	50 N/mm ²
Tension strength:	
Parallel to grain	36 N/mm ²
Perp. to grain, edgewise	0.9 N/mm ²
Perp. to grain, flatwise	NPD
Compression strength:	
Parallel to grain	40 N/mm ²
Perp. to grain, edgewise	7,5 N/mm ²
Perp. to grain, flatwise	3,8 N/mm ²
Shear strength:	
Edgewise	4,6 N/mm ²
Flatwise	3,2 N/mm ²
Modulus of elasticity:	
Parallel to grain (mean)	14000 N/mm ²
Parallel to grain (5%-fractile)	12000 N/mm ²
Perp. to grain, edgewise (mean)	NPD
Perp. to grain, flatwise (mean)	NPD
Shear modulus:	
Edgewise (mean)	500 N/mm ²
Flatwise (mean)	500 N/mm ²
Density	480 kg/m ³
Reaction to fire class	D-s1,d0
Release of formaldehyde class	E1
Durability class	4


Commercial document to ULTRALAM-Rs according to EN 14374

CE	
0672	
MLT Ltd., 96-A Staritskaya Str., 172011 Torzhok Russia	
09	
0672-CPD-I 14.04.1	
EN 14374	
Structural LVL for Building and Bridge applications	
Bending strength:	
Edgewise	55 N/mm ²
Size effect parameter	0,15
Flatwise	52 N/mm ²
Tension strength:	
Parallel to grain	42 N/mm ²
Perp. to grain, edgewise	0.9 N/mm ²
Perp. to grain, flatwise	NPD
Compression strength:	
Parallel to grain	56 N/mm ²
Perp. to grain, edgewise	8,6 N/mm ²
Perp. to grain, flatwise	3,8 N/mm ²
Shear strength:	
Edgewise	5,2 N/mm ²
Flatwise	3,2 N/mm ²
Modulus of elasticity:	
Parallel to grain (mean)	15600 N/mm ²
Parallel to grain (5%-fractile)	14000 N/mm ²
Perp. to grain, edgewise (mean)	NPD
Perp. to grain, flatwise (mean)	NPD
Shear modulus:	
Edgewise (mean)	500 N/mm ²
Flatwise (mean)	500 N/mm ²
Density	550 kg/m ³
Reaction to fire class	D-s1,d0
Release of formaldehyde class	E1
Durability class	4

Commercial document to ULTRALAM-X according to EN 14374

 0672	
MLT Ltd., 96-A Staritskaya Str., 172011 Torzhok Russia 09 0672-CPD-I 14.04.1	
EN 14374 Structural LVL for Building and Bridge applications	
Bending strength:	
Parallel to grain, edgewise	34 N/mm ²
Size effect parameter	0,15
Parallel to grain, flatwise	38 N/mm ²
Perp. to grain, flatwise	
Tension strength:	
Parallel to grain	24 N/mm ²
Perp. to grain, edgewise	5 N/mm ²
Perp. to grain, flatwise	
Compression strength:	
Parallel to grain	34 N/mm ²
Perp. to grain, edgewise	8 N/mm ²
Perp. to grain, flatwise	4,2 N/mm ²
Shear strength:	
Edgewise	4,6 N/mm ²
Flatwise	2,7N/mm ²
Modulus of elasticity:	
Parallel to grain (mean)	10600 N/mm ²
Parallel to grain (5%-fractile)	9000 N/mm ²
Perp. to grain, edgewise (mean)	NPD
Perp. to grain, flatwise (mean)	3000 N/mm ²
Shear modulus:	
Edgewise (mean)	550 N/mm ²
Flatwise (mean)	550 N/mm ²
Density	480 kg/m ³
Reaction to fire class	D-s1,d0
Release of formaldehyde class	E1
Durability class	4

Commercial document to ULTRALAM-I according to EN 14374

 0672	
MLT Ltd., 96-A Staritskaya Str., 172011 Torzhok Russia 09 0672-CPD-I 14.04.1	
EN 14374 Structural LVL for Building and Bridge applications	
Bending strength:	
Edgewise	30 N/mm ²
Size effect parameter	0,15
Flatwise	35 N/mm ²
Tension strength:	
Parallel to grain	NPD
Perp. to grain, edgewise	NPD
Perp. to grain, flatwise	NPD
Compression strength:	
Parallel to grain	38 N/mm ²
Perp. to grain, edgewise	7,5 N/mm ²
Perp. to grain, flatwise	3,8 N/mm ²
Shear strength:	
Edgewise	NPD
Flatwise	NPD
Modulus of elasticity:	
Parallel to grain (mean)	11200 N/mm ²
Parallel to grain (5%-fractile)	10000 N/mm ²
Perp. to grain, edgewise (mean)	NPD
Perp. to grain, flatwise (mean)	NPD
Shear modulus:	
Edgewise (mean)	NPD
Flatwise (mean)	NPD
Density	430 kg/m ³
Reaction to fire class	D-s1,d0
Release of formaldehyde class	E1
Durability class	4