

DECLARATION OF PERFORMANCE NO. 5
for laminated veneer lumber
ULTRALAM™ - R_{birch}

1. Unique identification code of the product-type:

ULTRALAM™ - R_{birch}

2. Type, batch or serial number or any other element allowing identification of the construction product as required under Article 11(4):

ULTRALAM™ - R_{birch}

3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer:

Structural laminated veneer lumber (LVL)

4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required under Article 11(5):

MLT Ltd.
14 Bolshaya Morskaya Str.,
191186 St. Petersburg, Russian Federation

5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

6. System or systems of assessment and verification of constancy of performance of the construction product as set out in CPR, Annex V:

System 1

7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

The notified body MPA University Stuttgart (No 0672) performed the initial type-testing for the relevant characteristics of the product, the initial inspection of the factory and of factory production control and performs the continuous surveillance, assessment and approval of the factory production control. The EC-Certificate of Conformity with number 0672-CPR-0674 dated 25. November 2016 attests that the aforementioned building product complies with the requirements of the harmonized European standard EN 14374, Annex ZA.

9. Declared performance

Essential characteristics	Performance	Harmonised technical specification
Bending strength: Edgewise Size effect parameter Flatwise	65 N/mm ² 0,15 75 N/mm ²	EN 14374:2004
Tension strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	52 N/mm ² 1.5 N/mm ² NPD	
Compression strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	55 N/mm ² 10 N/mm ² 8,4 N/mm ²	
Shear strength: Edgewise* Flatwise	7,0 N/mm ² 4,5 N/mm ²	
Modulus of elasticity: Parallel to grain (mean) Parallel to grain (5%-fractile) Perp. to grain, edgewise (mean) Perp. to grain, flatwise (mean)	17500 N/mm ² 16000 N/mm ² NPD NPD	
Shear modulus Edgewise* (mean) Flatwise (5%-fractile) Flatwise (mean)	700 N/mm ² 450 N/mm ² 850 N/mm ²	
Density (5%-fractile)	600 kg/m ³	
Reaction to fire class	D-s1,d0	
Release of formaldehyde class	E1	
Durability class	4	

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Alexander Mishin, CEO

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(signature)

St.Petersburg, 5.12.2016