

**DECLARATION OF PERFORMANCE NO. 1  
for laminated veneer lumber  
ULTRALAM™ -R**

1. Unique identification code of the product-type:

**ULTRALAM™ -R**

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

**ULTRALAM™ -R**

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):

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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-CPD-I 14.04.1 dated 22. October 2009 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	48 N/mm <sup>2</sup> 0,15 50 N/mm <sup>2</sup>	EN 14374:2004
Tension strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	36 N/mm <sup>2</sup> 0.9 N/mm <sup>2</sup> NPD	
Compression strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	40 N/mm <sup>2</sup> 7,5 N/mm <sup>2</sup> 3,8 N/mm <sup>2</sup>	
Shear strength: Edgewise* Flatwise	4,6 N/mm <sup>2</sup> 3,2 N/mm <sup>2</sup>	
Modulus of elasticity: Parallel to grain (mean) Parallel to grain (5%-fractile) Perp. to grain, edgewise (mean) Perp. to grain, flatwise (mean)	14000 N/mm <sup>2</sup> 12000 N/mm <sup>2</sup> NPD NPD	
Shear modulus Edgewise* (mean) Flatwise (mean)	500 N/mm <sup>2</sup> 500 N/mm <sup>2</sup>	
Density (5%-fractile)	480 kg/m <sup>3</sup>	
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:

Gregory Atliivanik, CEO



St.Petersburg, 25.06.2013

**DECLARATION OF PERFORMANCE NO. 2**  
**for laminated veneer lumber**  
**ULTRALAM™ -X**

1. Unique identification code of the product-type:

**ULTRALAM™ -X**

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

**ULTRALAM™ -X**

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-CPD-I 14.04.1 dated 22. October 2009 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
	19mm≤t≤21mm	24mm≤t≤75mm	
Bending strength: Edgewise Size effect parameter Flatwise Perp. to grain, flatwise	30 N/mm <sup>2</sup> 0,15 34 N/mm <sup>2</sup> 9,0 N/mm <sup>2</sup>	34 N/mm <sup>2</sup> 0,15 38 N/mm <sup>2</sup> 12,0 N/mm <sup>2</sup>	EN 14374:2004
Tension strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	18 N/mm <sup>2</sup> 5 N/mm <sup>2</sup> NPD	24 N/mm <sup>2</sup> 5 N/mm <sup>2</sup> NPD	
Compression strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	26 N/mm <sup>2</sup> 9 N/mm <sup>2</sup> 4,2 N/mm <sup>2</sup>	34 N/mm <sup>2</sup> 9 N/mm <sup>2</sup> 4,2 N/mm <sup>2</sup>	
Shear strength: Edgewise* Flatwise	4,6 N/mm <sup>2</sup> 2,7 N/mm <sup>2</sup>	4,6 N/mm <sup>2</sup> 2,7 N/mm <sup>2</sup>	
Modulus of elasticity: Parallel to grain (mean) Parallel to grain (5%-fractile) Perp. to grain, edgewise (mean) Perp. to grain, flatwise (mean)	10000 N/mm <sup>2</sup> 9000 N/mm <sup>2</sup> NPD 2300 N/mm <sup>2</sup>	10600 N/mm <sup>2</sup> 9000 N/mm <sup>2</sup> NPD 3000 N/mm <sup>2</sup>	
Shear modulus Edgewise* (mean) Flatwise (mean)	550 N/mm <sup>2</sup> 550 N/mm <sup>2</sup>	550 N/mm <sup>2</sup> 550 N/mm <sup>2</sup>	
Density (5%-fractile)	480 kg/m <sup>3</sup>	480 kg/m <sup>3</sup>	
Reaction to fire class	D-s1,d0	D-s1,d0	
Release of formaldehyde class	E1	E1	
Durability class	4	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:

Gregory Atlivanik, CEO

St.Petersburg, 25.06.2013



**DECLARATION OF PERFORMANCE NO. 3**  
**for laminated veneer lumber**  
**ULTRALAM™ -Rs**

1. Unique identification code of the product-type:

**ULTRALAM™ -Rs**

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

**ULTRALAM™ -Rs**

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):

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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-CPD-I 14.04.1 dated 22. October 2009 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	55 N/mm <sup>2</sup> 0,15 52 N/mm <sup>2</sup>	EN 14374:2004
Tension strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	42 N/mm <sup>2</sup> 0,9 N/mm <sup>2</sup> NPD	
Compression strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	56 N/mm <sup>2</sup> 8,6 N/mm <sup>2</sup> 3,8 N/mm <sup>2</sup>	
Shear strength: Edgewise* Flatwise	5,2 N/mm <sup>2</sup> 3,2 N/mm <sup>2</sup>	
Modulus of elasticity: Parallel to grain (mean) Parallel to grain (5%-fractile) Perp. to grain, edgewise (mean) Perp. to grain, flatwise (mean)	15600 N/mm <sup>2</sup> 14000 N/mm <sup>2</sup> NPD NPD	
Shear modulus Edgewise* (mean) Flatwise (mean)	500 N/mm <sup>2</sup> 500 N/mm <sup>2</sup>	
Density (5%-fractile)	550 kg/m <sup>3</sup>	
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:

Gregory Atlivanik, CEO



St.Petersburg, 25.06.2013



**DECLARATION OF PERFORMANCE NO. 4**  
**for laminated veneer lumber**  
**ULTRALAM™ -I**

1. Unique identification code of the product-type:

**ULTRALAM™ -I**

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

**ULTRALAM™ -I**

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):

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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-CPD-I 14.04.1 dated 22. October 2009 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	30 N/mm <sup>2</sup> 0,15 35 N/mm <sup>2</sup>	EN 14374:2004
Tension strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	NPD NPD NPD	
Compression strength: Parallel to grain Perp. to grain, edgewise Perp. to grain, flatwise	38 N/mm <sup>2</sup> 7,5 N/mm <sup>2</sup> 3,8 N/mm <sup>2</sup>	
Shear strength: Edgewise* Flatwise	3,4 N/mm <sup>2</sup> 3,2 N/mm <sup>2</sup>	
Modulus of elasticity: Parallel to grain (mean) Parallel to grain (5%-fractile) Perp. to grain, edgewise (mean) Perp. to grain, flatwise (mean)	11200 N/mm <sup>2</sup> 10000 N/mm <sup>2</sup> NPD NPD	
Shear modulus Edgewise* (mean) Flatwise (mean)	NPD NPD	
Density (5%-fractile)	430 kg/m <sup>3</sup>	
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:

Gregory Atlivanik, CEO



St.Petersburg, 25.06.2013