DECLARATION OF PERFORMANCE

No.:**MLT_ OSB/3_CPR_001**

in accordance with Regulation (EU) № 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonized conditions for the marketing of construction products and repealing Council Directive 89/106/EEC

1. Unique identification code of the product-type:

MLT/Ultralam OSB/3, 6-25 mm

Identification code is printed on the each board and consist of production plant, product type, production date and time; and/or is printed on the label attached to the production boards packing.

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

The day of production is written on the packing sheet

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

For non load bearing, load bearing and stiffening applications in dry and humid conditions

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

Modern Lumber Technology Ltd.
62-B, Semenovskoe, 172011 Torzhok
RUSSIAN FEDERATION
www.ultralam.com

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

Not applicable

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

System 2+

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

The notified factory production control certification body - **Materials Testing Institute University of Stuttgart-** performed initial inspection of the manufacturing plant and factory production control and performs continuous surveillance, assessment and evaluation of factory production control under the system 2+ as described in harmonized standart **EN 13986:2004+A1:2015**

Notified body issued the certificate of conformity of the factory production control No. 0672-CPR-0673

8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

Not applicable

9. Declared performance

Table 1 the requirement values accordance to EN 300

Essential characteristics		Performance				Harmonised technical specification
		Boards thickness in mm				
		units	6-10	>10-18	>18-25	
Bending strength acc. EN310	Major axis	N/mm^2	22	20	18	EN13986:2004 +A1:2015
	Minor axis	N/mm^2	11	10	9	
Bending stiffness (Modulus of elasticity) acc/ EN310	Major axis	N/mm^2	3500	3500	3500	
	Minor axis	N/mm^2	1400	1400	1400	
Tensile strength (Internal bond) acc. TN319		N/mm^2	0,34	0,32	0,30	
Durability (Swelling in thickness-24h immersion) acc. EN317		%	15	15	15	
Determination of moisture content acc.EN322		%	2-12			
Determination of density acc. EN323		%	±15			
Release of content of formaldehyde acc. EN120			Class E1 (≤8mg/100g oven dry board)			
Durability (Moisture resistance-Internal boil after boil test) acc. EN1087-1		N/mm^2	0,15	0,13	0,12	

Table 2 The characteristic values accordance to EN 12369-1

Essential characteristics		Performance				Harmonised technical specification
		Boards thickness in mm				
		units	6-10	>10-18	>18-25	
Strength values Stressess on board	Bending, major axis	N/mm^2	18,0	16,4	14,8	EN13986:2004 +A1:2015
	Bending, minor axis	N/mm^2	9,0	8,2	7,4	
	Compression, major axis	N/mm^2	15,9	15,4	14,8	
	Compression, minor axis	N/mm^2	12,9	12,7	12,4	
Shear		N/mm^2	1,0			

Plate loading	Bending, major axis	N/mm^2	9,9	9,4	9,0	
	Bending, minor axis	N/mm^2	7,2	7,0	6,8	
	Compression, major axis	N/mm^2	15,9	15,4	14,8	
	Compression, minor axis	N/mm^2	12,9	12,7	12,4	
Shear		N/mm^2	6,8			
Stiffness values Stressess on board	Modulus of elasticity, major axis	N/mm^2	4930			
	Modulus of elasticity, minor axis	N/mm^2	1980			
Shear modulus		N/mm^2	50			
Plate loading	Modulus of elasticity, major axis	N/mm^2	3800			
	Modulus of elasticity, minor axis	N/mm^2	3000			
Shear modulus		N/mm^2	1080			
Thermal conductivity λ		W/mk	0,13			
Thickness swelling		%	≤ 15			
Release of formaldehyde			E1 (100% formaldehyde free binders)			
Reaction to fire			D-s1,d0			
Biological			Use class 1 +2			

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. The 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:

Tokareva T.V. , chief technologist

(name and function)

Torzhok 06/03/2017

(place and date of issue)

(signature)