



Declaration of Performance

according to Annex III of the Regulation (EU) No. 305/2011

No. LPSS-2016-10-19

1. Unique identification code of the product type:
LP SmartSide
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):
OSB/3: see packaging of the product
3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:
Internal use as structural components in humid conditions
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
**Louisiana-Pacific
7299 N County Rd 403
Newberry, MI 49868**
5. Where applicable, name and contact address of their authorized representative whose mandate covers the tasks specified in Article 12(2):
N/A
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 panels are subject to factory production control operated by the manufacturer and the EU notified body 1073 (Dancert: EC certificate – 1073-CPR-397) has performed initial certification of the factory production control system and performs the continuous surveillance of the factory production control system.

8. Declared performance:

Essential Characteristics	Performance		Harmonized Technical Specification
Thickness	9 mm	11, 15 mm	EN 13986:2004
Strength			
Tension Parallel	9,9 N/mm ²	9,4 N/mm ²	
Tension Perpendicular	7,2 N/mm ²	7,0 N/mm ²	
Compression Parallel	15,9 N/mm ²	15,4 N/mm ²	
Compression Perpendicular	12,9 N/mm ²	12,7 N/mm ²	
Bending Parallel	18,0 N/mm ²	16,4 N/mm ²	
Bending Perpendicular	9,0 N/mm ²	8,2 N/mm ²	
Panel Shear	6,8 N/mm ²	6,8 N/mm ²	
Planar Shear	1,0 N/mm ²	1,0 N/mm ²	
Stiffness (MOE)			
Tension Parallel	3800 N/mm ²		
Tension Perpendicular	3000 N/mm ²		
Compression Parallel	3800 N/mm ²		
Compression Perpendicular	3000 N/mm ²		
Bending Parallel	4930 N/mm ²		
Bending Perpendicular	1980 N/mm ²		
Panel Shear	1080 N/mm ²		
Planar Shear	50 N/mm ²		
Density (minimum) ρ	600 kg/m ³		
Moisture Content	2% - 12%		
Punching Shear (for floor and roof loads) as point load strength and point load stiffness	NPD		
Impact Resistance	NPD		
Reaction to fire	D-s2, d0		
Water Vapor permeability μ	Wet 30 dry 50		
Release of Formaldehyde	E1		
Release (content) of pentachlorophenol (PCP)	PCP ≤5 ppm		
Airborne sound insulation (surface mass)	NPD		
Sound absorption α	0,10 / 0,25		
Thermal Conductivity λ	0,13 W/(m.K)		
Durability			
Internal Bond	0,34 N/mm ²	0,32 N/mm ²	
Swelling in Thickness	15%		
Internal Bond after boil test (EN 1087-1)	0,15 N/mm ²	0,13 N/mm ²	
Mechanical (duration of load and creep)	EN 1995-1-1		
Biological	Use Class 2		

9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Brent Edwards, Business Quality Manager, LP Siding

(Name and Title)

Nashville, TN, U.S.A., October 19, 2016

(place and date of issue)

(signature)