



Kronospan OSB Sp. z o.o.
ul. 1 Maja 52, 47-100 Strzelce Opolskie · Poland
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www.kronospan.pl

Declaration of Performance

Nr: ST_OS/3LOFT_CPR_2018

1. Unique identification code of the product - type: **OSB/3 acc. to EN 300**
2. Trade name: **OSB LOFT**
3. Intended use or uses of the construction product:
Load-bearing boards for internal use in humid conditions
4. Manufacturer:
**Kronospan OSB Sp. z o.o.
ul. 1 Maja 52
47-100 Strzelce Opolskie
Poland**
5. System or systems of assessment : **System 2+**
6. Harmonised standard: **PN-EN 13986+A1:2015-06 (IDT EN 13986:2004+A1:2015)**
- Notified body: **Instytut Technologii Drewna
No.1583**

7. Declared properties:

Essential characteristics	Performance			
	Axis direction	Unit	Nominal thickness range [mm]	
			>10 do <18	18 do 25
Bending strength	Major axis	N/mm ²	20	18
	Minor axis	N/mm ²	10	9
Modulus of elasticity	Major axis	N/mm ²	3500	
	Minor axis	N/mm ²	1400	
Tensile strength		N/mm ²	0,32	0,30
Durability (moisture resistance) Internal bond after boil test		N/mm ²	0,13	0,12
Durability (swelling in thickness)		%	15	
Formaldehyde emission	E1			
Reaction to fire	D _f -s1			
Reaction to fire	D-s2, d0			
Water vapour permeability	NPD			
Airborne sound insulation	NPD			
Sound absorption	NPD			
Thermal conductivity	NPD			
Strength and stiffness under point load for structural use	NPD			
Impact resistance for structural use for spacing of joists at 305 mm and for width of support beams at 50 mm				
Range of thickness [mm]			15	18
• Floor decking on joists				
Maximum force F _{max}	In the middle of the board width	N	2722	4383
	At joints	N	2053	3100
Stiffness R	In the middle of the board width	N/mm	567	768
	At joints	N/mm	415	640
Permanent deformations W _t	In the middle of the board width	mm	0,26	0,36
	At joints	mm	0,34	0,26
• Roof decking on joists				
Maximum force F _{max}	In the middle of the board width	N	3476	5272
	At joints	N	2512	4056



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Stiffness R	In the middle of the board width	N/mm	641	843
	At joints	N/mm	544	778
Permanent deformations W_{ir}	In the middle of the board width	mm	0,48	0,28
	At joints	mm	0,46	0,31
Mechanical durability	NPD			
Biological durability	NPD			
Content of pentachlorophenol	≤ 5 ppm			
Racking resistance	NPD			
Embedment strength	NPD			

8. The performance of the product identified above are consistent with a set of declared performance.
This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011 sole responsibility of the manufacturer referred above.

On behalf of the manufacturer:

..... Tomasz Puklicz

[Name]

place Strzelce Opolskie date 30.05.2018

.....
[signature]