

**Product specification Certificate 0766-CPR-490/6**

Name of the product: <b>OSB-Shouguang Luli Wood Inc.</b>			
Technical class			code
General purpose non load-bearing boards, and boards for interior fitments for internal use in dry conditions	OSB/1	<sup>1)</sup>	2118002-007
Load-bearing boards for internal use in dry conditions	OSB/2	<sup>1)</sup> ×	
Load-bearing boards for internal use in humid conditions	OSB/3	<sup>1)</sup> ×	
Heavy duty load-bearing boards for internal use in humid conditions	OSB/4	<sup>1)</sup>	
Panel			
Thickness range [mm]	<sup>1)</sup> 6-32mm		
6mm to 10 mm:	×		
> 10 mm to < 18 mm:	×		
18 mm to 25 mm:	×		
> 25 mm to 32mm:	×		
> 32 mm to 40 mm:			
Length [mm]			
Width [mm]			
Top layers			
Kind of wood	radiata pine, eucalyptus, poplar, fir		
Middle layer			
Kind of wood	radiata pine, eucalyptus, poplar, fir		
Adhesive			
Type	Polyurethane (PU)		
Product name	MDI (PM 4350/CW 20)		
Further information			
Contains flame retardant	NO		
Contains wood preservative	NO		

<sup>1)</sup> Please mark the relevant properties with a cross.

**Specification for ITT:**

Thickness range [mm]		6 to 10	>10 to <18	18 to 25	>25to 32	
Panel						
Nominal thickness [mm]		6	12	18	30	
Panel properties (L <sub>5%</sub> or L <sub>95%</sub> for swelling in thickness)						
Bending strength (major axis)		[N/mm <sup>2</sup> ]	22	20	18	16
Bending strength (minor axis)		[N/mm <sup>2</sup> ]	11	10	9	8
Modulus of elasticity in bending (major axis)		[N/mm <sup>2</sup> ]	3500	3500	3500	3500
Modulus of elasticity in bending (minor axis)		[N/mm <sup>2</sup> ]	1400	1400	1400	1400
Internal bond		[N/mm <sup>2</sup> ]	0.34	0.32	0.30	0.29
Swelling in thickness 24 h water		[%]	20/15	20/15	20/15	20/15
Option 2 acc. to EN 300 table 7 (OSB/3)		[N/mm <sup>2</sup> ]	0.15	0.13	0.12	0.06

**Comments:**

The properties of products which differ in their structure from the ITT structure (thickness, type of wood) are mandatorily to be confirmed by the anufacturer under the FPC, and where necessary, they need to be submitted to the Notified Body.

10. April 2025  
date

  
stamp and signature  
ENTWICKLUNGS-  
UND PRÜFLABOR  
HOLZTECHNOLOGIE  
GmbH  
Zellescher Weg 24 · 01217 Dresden · www.e-ph-dresden.de