

**Product specification Certificate 0766-CPR-490/2**

Name of the product: <b>OSB</b>			
Technical class			code
General purpose non load-bearing boards, and boards for interior fitments for internal use in dry conditions	OSB/1	1)	2118002-003
Load-bearing boards for internal use in dry conditions	OSB/2	1) ×	
Load-bearing boards for internal use in humid conditions	OSB/3	1) ×	
Heavy duty load-bearing boards for internal use in humid conditions	OSB/4	1)	
<b>Panel</b>			
Thickness range [mm]	1)		
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]			
<b>Top layers</b>			
Kind of wood	radiata pine, eucalyptus, poplar, fir		
<b>Middle layer</b>			
Kind of wood	radiata pine, eucalyptus, poplar, fir		
<b>Adhesive</b>			
Type	Polyurethane (PU)		
Product name	MDI (PM 4350/CW 20)		
<b>Further information</b>			
Contains flame retardant	NO		
Contains wood preservative	NO		

1) Please mark the relevant properties with a cross.

**Specification for ITT:**

Thickness range [mm]	6 to 10	>10 to <18	18 to 25	>25 to 32	
<b>Panel</b>					
Nominal thickness [mm]					
<b>Panel properties (L<sub>5%</sub> or L<sub>95%</sub> for swelling in thickness)</b>					
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 manufacturer under the FPC, and where necessary, they need to be submitted to the Notified Body.