

**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                                 | 1)<br>X |
| Load-bearing boards for internal use in dry conditions   | OSB/2                                 | 1)<br>X |
| Load-bearing boards for internal use in humid conditions   | OSB/3                                 | 1)<br>X |
| Heavy duty load-bearing boards for internal use in humid conditions  | OSB/4                                 | 1)      |
| Panel  |                                       |         |
| Thickness range [mm]   | 1)<br>6-32mm                          |         |
| 6mm to 10 mm:  | X                                     |         |
| > 10 mm to < 18 mm:  | X                                     |         |
| 18 mm to 25 mm:  | X                                     |         |
| > 25 mm to 32mm:   | X                                     |         |
| > 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                                    |         |

1) 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       |
| Bending strength (minor axis)  | [N/mm <sup>2</sup> ] | 11         | 10       | 9        |
| Modulus of elasticity in bending (major axis)                                    | [N/mm <sup>2</sup> ] | 3500       | 3500     | 3500     |
| Modulus of elasticity in bending (minor axis)                                    | [N/mm <sup>2</sup> ] | 1400       | 1400     | 1400     |
| Internal bond  | [N/mm <sup>2</sup> ] | 0.34       | 0.32     | 0.30     |
| Swelling in thickness 24 h water   | [%]                  | 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     |

**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.

10. April 2025

date



stamp and signature

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