

**Harmonised Technical Specification: EN13986**

**AVCP: 2+ CE CERTIFICATE: 0407-CPR-556**

**Notify Body: ISTITUTO GIORDANO**

**DECLARATION OF PERFORMANCE**

*Reference number: XHG-DOP-001*

XUZHOU HENGXIN WOOD CO., LTD

Xinhua No 4 Village

Guanhu Town

Pizhou City, Jiangsu

China

**PRODUCT TYPE**

Hardwood Faced, Poplar, Poplar/Eucalyptus Combi & Eucalyptus Core Plywood.  
Manufactured with MUF glue that meets EN314-2 Class 2 standards.

**INTENDED USE**

Structural plywood in humid conditions(EN 636-2 S) complying with EN 636  
Structural plywood in internal dry conditions(EN 636-1S ) complying with EN 636  
All with formaldehyde class E1  
3.6mm and 5.5mm is sold as non-structural

Declared performance

<b>THICKNESS</b>	<b>3.6MM</b>	<b>5.5MM</b>	<b>9MM</b>	<b>12MM</b>	<b>15MM</b>	<b>18MM</b>	<b>25MM</b>	
MOISTURE CONTENT	9.00%	9.00%	9.00%	13.00%	12.60%	12.00%	12.50%	EN322
DENSITY	550kg/m <sup>3</sup>	550kg/m <sup>3</sup>	550kg/m <sup>3</sup>	550kg/m <sup>3</sup>	550kg/m <sup>3</sup>	550kg/m <sup>3</sup>	550kg/m <sup>3</sup>	EN323
<b>THICKNESS</b>	<b>3.6MM</b>	<b>5.5MM</b>	<b>9MM</b>	<b>12MM</b>	<b>15MM</b>	<b>18MM</b>	<b>25MM</b>	
BONDING QUALITY	0.88N/mm <sup>2</sup>	0.89N/mm <sup>2</sup>	0.88N/mm <sup>2</sup>	0.96N/mm <sup>2</sup>	0.8N/mm <sup>2</sup>	0.77N/mm <sup>2</sup>	0.79N/mm <sup>2</sup>	EN314
BENDING STRENGTH(MOR) Long.	NPD	NPD	23N/mm <sup>2</sup>	26N/mm <sup>2</sup>	26N/mm <sup>2</sup>	28N/mm <sup>2</sup>	29N/mm <sup>2</sup>	EN310
BENDING STRENGTH(MOR) Cross	NPD	NPD	26N/mm <sup>2</sup>	27N/mm <sup>2</sup>	26N/mm <sup>2</sup>	28N/mm <sup>2</sup>	26N/mm <sup>2</sup>	EN310
MOE(Long)	NPD	NPD	2600N/mm <sup>2</sup>	2800N/mm <sup>2</sup>	2900N/mm <sup>2</sup>	2800N/mm <sup>2</sup>	2800N/mm <sup>2</sup>	EN310
MOE(Cross)	NPD	NPD	2700N/mm <sup>2</sup>	2800N/mm <sup>2</sup>	2600N/mm <sup>2</sup>	2800N/mm <sup>2</sup>	2800N/mm <sup>2</sup>	EN310
FORMALDEHYDE RELEASED	0.12mg/m <sup>3</sup>	0.12mg/m <sup>3</sup>	0.12mg/m <sup>3</sup>	0.12mg/m <sup>3</sup>	0.12mg/m <sup>3</sup>	0.12mg/m <sup>3</sup>	0.12mg/m <sup>3</sup>	EN717-1
DURABILITY	Class 5	Class 5	Class 5	Class 5	Class 5	Class 5	Class 5	EN350-2
REACTION TO FIRE	NPD	NPD	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	D-s2, d0	

The performance of the product identified is in conformity with the declared performance.

This declaration of performance is issued under the sole responsibility of the manufacturer identified above.

Manufacturer signatory and stamp:

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**XUZHOU HENGXIN WOOD CO LTD**

