

DECLARATION OF PERFORMANCE



No. ST 001 JSHZ-CPR 2013

1. Unique identification code of the product-type:

Plywood for structural component with type EN 636-2,4'x8'

Red hardwood F/B Poplar core Melamine Glue:RP2

Red hardwood F/B Eucalyptus core Melamine Glue:RE2

Red hardwood F/B MLH core Melamine Glue:RM2

FSC Beech F/B & Eucalyptus core Melamine Glue:BE2

Plywood for structural component with type EN 636-3,4'x8'

Red hardwood F/B Poplar core Phenolic Glue:RP1

Red hardwood F/B Eucalyptus core Phenolic Glue:RE1

Red hardwood F/B MLH core Phenolic Glue:RM1

FSC Beech F/B & Eucalyptus core Phenolic Glue:BE1

2. Type, batch or serial number or any other element allowing identification of the construction products as required pursuant to Article 11 (4):

We use the production date as identification of batch;

3. Intended use or uses of the construction product ,in accordance with the applicable harmonized technical specification ,as foreseen by the manufacturer:

Plywood to be used as structural components in dry, humid or exterior conditions; be used as structural floor and roof decking on joists and as structural wall sheathing on studs in dry1) or humid2) or external3) conditions;

4. Name, registered trade name or registered trade mark and contact address of the manufacturer ad required pursuant to Article 11(5):

5. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

System 2+

6. In case of the declaration of performance concerning a construction product covered by a harmonized standard:

EN 13986: 2004

TRADA performed the initial inspection of the manufacturing plant and of factory production control and the continuous surveillance, assessment and evaluation of factory production control, and issued the certificate of constancy of performance, certificate of conformity of the factory production control.

Certificate No: 1224-CPD-0278

7. In case of the declaration of performance concerning a construction product for which a TEST CENTER has been issued:

**Nanjing Wood-based panels Testing Center of the State Forestry
Administration of China, No.159, Lonpan Road, Nanjing Forestry University,
Nanjing City, Jiangsu Province, China**

Tested under registration number: CNAS L2249

[CNAS is member of ilac-MRA]

**Performed the initial test, and issued a constancy of performance of the
factory production control test reports, the No. of TR:11-367, ITT samples
is 3.6mm,5.5mm,9mm,12mm,15mm,18mm,22mm,25mm**

8. Declared performance

3.6mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1($\leq 3.5\text{mg/m}^2\text{h}$)	
Density	570kg/m^3 (declared)	
Moisture content	11(declared)	
Bonding quality	1.15N/mm^2	
Bending strength	40.5N/mm^2	
Modulus of elasticity	4589N/mm^2	
Formaldehyde release	$1.70\text{mg/m}^2\text{h}$ (declared)	
PCP	NPD	

5.5mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1($\leq 3.5\text{mg/m}^2\text{h}$)	
Density	580kg/m^3 (declared)	
Moisture content	12(declared)	
Bonding quality	1.19N/mm^2	

Bending strength	43.2N/mm ²	
Modulus of elasticity	4878N/mm ²	
Formaldehyde release	1.90mg/m ² h(declared)	
PCP	NPD	

9mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1(≤3.5mg/m ² h)	
Density	575kg/m ³ (declared)	
Moisture content	10(declared)	
Bonding quality	1.10N/mm ²	
Bending strength	44.1N/mm ²	
Modulus of elasticity	4923N/mm ²	
Formaldehyde release	1.90mg/m ² h(declared)	
PCP	NPD	

12mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1(≤3.5mg/m ² h)	
Density	575kg/m ³ (declared)	
Moisture content	11(declared)	
Bonding quality	1.18N/mm ²	
Bending strength	45.8N/mm ²	
Modulus of elasticity	5012N/mm ²	
Formaldehyde release	2.00mg/m ² h(declared)	
PCP	NPD	

15mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1(≤3.5mg/m ² h)	
Density	580kg/m ³ (declared)	
Moisture content	12(declared)	
Bonding quality	1.20N/mm ²	
Bending strength	48.2N/mm ²	

Modulus of elasticity	5213N/mm ²	
Formaldehyde release	1.95mg/m ² h(declared)	
PCP	NPD	

18mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1(≤3.5mg/m ² h)	
Density	575kg/m ³ (declared)	
Moisture content	9(declared)	
Bonding quality	1.16N/mm ²	
Bending strength	45.6N/mm ²	
Modulus of elasticity	4876N/mm ²	
Formaldehyde release	1.85mg/m ² h(declared)	
PCP	NPD	

22mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1(≤3.5mg/m ² h)	
Density	570kg/m ³ (declared)	
Moisture content	12(declared)	
Bonding quality	1.16N/mm ²	
Bending strength	48.9N/mm ²	
Modulus of elasticity	4872N/mm ²	
Formaldehyde release	1.95mg/m ² h(declared)	
PCP	NPD	

25mm

Essential characteristics	Performance	Harmonised technical specification
Reaction to fire class	D-s2,d0	EN 13986:2004
Formaldehyde class	E1(≤3.5mg/m ² h)	
Density	580kg/m ³ (declared)	
Moisture content	11(declared)	
Bonding quality	1.21N/mm ²	
Bending strength	50.4N/mm ²	
Modulus of elasticity	5345N/mm ²	

Formaldehyde release	2.05mg/m ² h(declared)	
PCP	NPD	

9. The performance of the product identified in points 1 and 2 in conformity with the declared performance in point 8.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



JiangSu, 5 June, 2013

(place and date of issue)

(signature)