

YTELSESERKLÆRING

Nr. -CPR333-

1. Entydig identifikasjonskode for produkttypen: **Konstruksjonskryssfinér av poppel**
2. Type-, parti- eller serienummer eller en annen form for angivelse som muliggjør identifisering av byggevaren i samsvar med artikkel 11 nr. 4: **Konstruksjonskryssfinér av poppel**
3. Produsentens tilskittede bruksområder for byggevaren, i samsvar med den relevante harmoniserte tekniske spesifikasjonen

Bygninger

4. Navn, registrert varemerke og kontaktadresse til produsenten i henhold til artikkel 11 nr. 5:
Moelven Wood AS, Sagvegen, 2074 Eidsvoll Verk, E-post: post.wood@moelven.no
5. Det eller de systemer for vurdering og kontroll av byggevarens konstante ytelse, som fastsatt i vedlegg V,
System 2+
6. Dersom ytelseserklæringen gjelder en byggevare som omfattes av en harmonisert standard:
NS-EN 13986
Produktene er underlagt ekstern produksjonskontroll i fabrikkene slik den er spesifisert i EN 13986.

7. Angitt ytelse

Vesentlige egenskaper	Ytelse	Harmonisert teknisk spesifikasjon
Bruksområde	Bygninger	NS-EN-13986
Dimensjon (tykkelse i mm)	6-20mm	
Densitet i kg/m³	522	
Lydabsorpsjon	0,1/0,3	
Vanndampmotstand	70	
Varmeledningsevne (W/mK)	0,115	
Treslag	Poppel (<i>populus</i>)	
Biologisk holdbarhet etter NS-EN 350	NPD	
Egenskaper ved brannpåvirkning	D-s2, d1	
Formaldehydklasse	E1	

8. Ytelsen for varen som angitt i nr. 1 og 2, er i samsvar med ytelsen angitt i nr. 7.

Denne ytelseserklæringen er utstedt på eget ansvar av produsenten, som angitt i nr. 4.

Undertegnet for og på vegne av produsenten av:

Per Børke Logistikkdirektør Moelven Wood AS

Eidsvoll Verk 2021-05-18

(underskrift)

Dette dokumentet er en oversettelse av den engelske originalversjonen
For ytterligere informasjon, se engelsk utgave nedenfor

SKYWOOD

WUXI



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DECLARATION OF PERFORMANCE

1029 – CPR – PT20/07305

1. Unique identification code of the product and type

Structural plywood, Hardwood, poplar / birch
- S 20/60 plywood, 6mm – 20mm

2. Product

Structural plywood, according to EN 13986:2004+A1:2015. For more, or more detailed information about the delivered product, beyond the information below, see specification on the package and related commercial documents.

3. Intended use of the construction product

For structural use, internal in dry conditions according to EN 636 and other purposes where strength and stiffness of the structure is essential.

4. Manufacturer

Company: Wuxi Skywood I&E Trade CO., Ltd.
Address: Room No 2202-2203, Mingduo Building, Huishan District, Wuxi city, Jiangsu Province P.R. CHINA
Telephone: 0086-510-83560896/0086-18912368876
E-mail: liyaliang4878@vip.sina.com
Web site: <http://www.wood-supplier.cn>

5. System of assessment and verification of constancy of performance of the construction product

System 2+.

6. Certification and declared performance according to the harmonized standard

EN 13986:2004+A1:2015

The notified body SGS ICS (identification number 1029) has performed an initial inspection of the manufacturing plant and of the factory production control and performs continuous surveillance, assessment and evaluation of the factory production control. SGS ICS has issued EC Certificate of Factory Production Control No. 1029 – CPR – PT20/07305

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7. Declared performance

Essential characteristics	Declared performance		
Bending strength	See attached table (Annex 1 and 2)		
Bending stiffness (Modulus of Elasticity)	See attached table (Annex 1 and 2)		
Strength, stiffness and impact resistance for roof decking	See attached table (Annex 3)		
Strength, stiffness and impact resistance for flooring	See attached table (Annex 4)		
Reaction to fire	End use condition	Minimum thickness [mm]	Class
	Closed air gap behind	15	D-s2, d1
Bonding quality	Class 1 according to EN 314-2		
Durability (Moisture resistance)	Bonding quality 1 according to EN 314-2 Service class 1 according to EN 1995-1-1 Use class 1 according to EN 335:2013		



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Mean density	522 kg/m ³
Water vapour permeability	Wet 70 μ / dry 200 μ
Sound absorption	0,10 / 0,30
Release of formaldehyde	E1
Content of pentachlorophenol (PCP)	NPD (no performance detected)
Thermal conductivity	0,115 W/mK
Sound insulation	NPD

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8. Relevant essential characteristics

The characteristics declared by the product described under point 1 and 2, are the characteristics declared under point 7. This Declaration of Performance is prepared under the sole responsibility of the manufacturer, who is stated under point 4.

Place 2020-06-19

Title Name Name (same as approved by)



.....Yaliang II.....

(signature)

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Annex 1

Plywood according to EN 13986:2004+A1:2015

Complying with EN 636:2012+A1:2015

For use in service class 1 according to EN 1995-1-1

Manufactured by: **Wuxi Skywood**

The characteristic values given below are from tests and calculations.

Unsanded

Characteristic strenght [N/mm² or MPa] and density [kg/m³]

Thickenss [mm]	Number of layers	Denisity	Bending		Tension		Compression		Panel Planar Shear	
			$f_{m,0}$	$f_{m,90}$	$f_{t,0}$	$f_{t,90}$	$f_{c,0}$	$f_{c,90}$	f_v	f_r
15	7	522	32,9	24,8	12	7	15	9	3	1

Mean modulus of elasticity [N/mm² or MPa]

Thickness [mm]	Number of layers	Bending		Tension and Compression		Panel Shear	Planar Shear EN 12369-2
		$E_{m,0}$	$E_{m,90}$	$E_{t,0}$	$E_{t,90}$	G_v	G_r
15	7	5370	1710	6155	4216	600	16

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