



# KOMO<sup>®</sup> product certificate

Semi-manufactured product

## SKH

Visiting address:

'Het Cambium', Nieuwe Kanaal 9c, 6709 PA Wageningen, the Netherlands

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P.O. Box 159, 6700 AD Wageningen, the Netherlands

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## PLYWOOD FOR USE IN CONSTRUCTION (STRUCTURAL USE) AND OTHER APPLICATIONS TYPE SILVERPAINT+<sup>®</sup>

Number: 33273/13  
Issued: 01-08-2013  
Supersedes: 33273/12

### Producer

International Plywood B.V.

Zijkade 20 B

4243 JE NIEUWLAND

THE NETHERLANDS

Postbus 65

4230 BB MEERKERK

THE NETHERLANDS

Tel. +31 (0) 183 35 30 00

Fax +31 (0) 183 35 10 88

E-mail: info@intplywood.nl

Website: http://www.intplywood.nl

### Declaration of SKH

This product certificate has been issued on the basis of BRL 1705 'Plywood' dd. 01-05-2005 including amendment sheet dd. 02-01-2013, in accordance with the SKH Regulations for Certification.

### SKH declares that:

- there is a justified confidence that the plywood, manufactured by the producer complies with the technical specification laid down in this product certificate, provided that the plywood are marked with the KOMO<sup>®</sup>-logo as indicated in this product certificate
- the plywood under above-mentioned conditions complies with the relevant requirements of the Building Act, as specified on page 2 of this quality declaration.

This certificate is an authorized quality declaration for the Building Act in accordance with the Tripartite agreement (Government Gazette 132, 2006) and the Housing Act. The certificate is included in the 'Overview of authorized quality declarations in the building industry' on the website of Stichting Bouwkwiteit (Foundation for Building Quality, SBK): [www.bouwkwiteit.nl](http://www.bouwkwiteit.nl).

For SKH

drs. H.J.O. van Doorn, director

The certificate is also included in the overview on the website of the KOMO foundation: [www.komo.nl](http://www.komo.nl).

Users of this product certificate are advised to verify whether this certificate is still valid; consult the SKH-website: [www.skh.org](http://www.skh.org).

This product certificate consists of 4 pages.

Consult the Dutch version in case of doubt.



## Building Act

The following has been assessed:  
quality system  
product  
Periodic control

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### BUILDING ACT ENTRY (ONLY FOR BUILDING PURPOSES)

No.	Section	Limiting value/ method of determination	Performance according to quality declaration	Remarks in relation to its use
2.1	General strength of the building construction	Ultimate threshold building construction, calculation according NEN-EN 1995-1-1 (including national annex), NEN-EN 1990 (including national annex) and NEN-EN 1991-1-1/3/4/5 (including national annex)	Performance not determined, to be determined by design engineer	Characteristic values of the mechanical properties are mentioned (for structural use only)
2.9	Restriction of development of fire and smoke	Indoor surface	Fire class D and smoke class s2	thickness $\geq$ 9 mm, thickness < 9 mm: fire class F and smoke class not determined
		Outdoor surface	Fire class D	thickness $\geq$ 9 mm, thickness < 9 mm: fire class F
		Walkable surface	Fire class D <sub>fl</sub> and fire class s1 <sub>fl</sub>	thickness $\geq$ 9 mm
		Part of construction	No performance mentioned	
3.9	Restriction of the presence of harmful substances and ionising radiation	According Ministerial regulation	No performance mentioned	

### 1 TECHNICAL SPECIFICATION

#### 1.1 Subject

Plywood for use in construction.  
Plywood for other applications.

#### 1.2 Marking

Each sheet of plywood shall be marked with the KOMO<sup>®</sup>-mark  
The execution of this mark is as follows:

- word mark KOMO<sup>®</sup> or logo;
- no. 33273;
- nominal thickness in mm;
- indication of class according to table 1 of BRL 1705;
- indication E1.



Location of the mark: clearly visible on each sheet of plywood supplied.

#### 1.3 Product specification

The product specification contains at least the thickness and the type indication of the surface finish.

The plywood manufactured by the producer complies with chapters 3 and 4 and table 2 of BRL 1705 'Plywood'. This implies among other things that the quality of the face veneers complies with the requirements mentioned in NEN-EN 635-2 for the relevant appearance class.

The sheets furthermore comply with the following standards:

- NEN-EN 314-2 Plywood. Bonding quality. Part 2: Requirements
- NEN-EN 315 Plywood. Tolerances for dimensions.

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Table 1 Description of various types of plywood

Type	Thickness in mm	Class of surface finish according to BRL 1705	Timber species	Glue
Silverpaint+ <sup>®</sup>	9-40	D	Birch, with a paintfilm	FF Exterior Class 3 EN 314-2

Table 2 Composition of the plywood

Type of sheet	Thickness in mm	Number of layers (minimum)
Silverpaint+ <sup>®</sup>	9	7
	12	9
	15	11
	18	13
	40	27

## 2 PRODUCT PROPERTIES

### 2.1 Technical building conditions from a safety perspective

GENERAL STRENGTH OF THE BUILDING CONSTRUCTION; Building Act section 2.1  
(Only for use in constructions).

#### 2.1.1 Strength of building construction; Building Act section 2.2, Building Act section 2.3 and Building Act section 2.4

The characteristic values of the mechanical properties of the plywood can be derived from EN 12369-2. The plywood can thus also be applied as a constructive sheet.

RESTRICTION OF DEVELOPMENT OF FIRE AND SMOKE, Building Act section 2.9

#### 2.1.2 Indoor surface; Building Act section 2.67

The fire and smoke classes of plywood are determined according to NEN-EN 13501-1. For plywood of 9 mm and thicker the fire class is class D and the smoke class is class s2. For plywood thinner than 9 mm the fire class is class F. The smoke class of plywood thinner than 9 mm has not been determined.

#### 2.1.3 Outdoor surface; Building Act section 2.68

The fire classes of plywood are determined according to NEN-EN 13501-1. For plywood of 9 mm and thicker the fire class is class D. For plywood thinner than 9 mm the fire class is class F.

#### 2.1.4 Walkable surface; Building Act section 2.69

The fire and smoke classes of plywood are determined according to NEN-EN 13501-1. For plywood of 9 mm and thicker the fire class is class D<sub>f</sub> and the smoke class is class s1<sub>f</sub>.

#### 2.1.5 Part of construction; Building Act section 2.72

Ministerial regulation is not available on this subject and therefore no statements have been included in this product certificate concerning the development of fire and smoke in a construction part (yet).

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### 2.2 Product properties from the health point of view

RESTRICTION OF THE PRESENCE OF HARMFUL SUBSTANCES AND IONISING RADIATION, Building Act section 3.9

#### 2.2.1 Ministerial regulation; Building Act section 3.63

Ministerial regulation is not available on this subject and therefore no statements have been included in this product certificate.

### 3 OTHER PRODUCT PROPERTIES

#### 3.1 Formaldehyde class

All plywood types mentioned in this certificate comply with the requirements set for formaldehyde class E1, determined according EN 717-2.

### 4 SUGGESTIONS FOR THE USER

#### 4.1 On delivery of the plywood inspect whether:

- the products comply with the contract of sale;
- the mark and the manner of marking is correct;
- the products do not show any visible defects due to transport or similar causes.

If the products are rejected on the basis of the above, contact shall be made with:

**International Plywood B.V.**

and if desirable:

The certification-body SKH  
Office building 'Het Cambium',  
Nieuwe Kanaal 9c, 6709 PA Wageningen, the Netherlands  
P.O. Box 159, 6700 AD Wageningen, the Netherlands  
Telephone: +31 (0) 317 45 34 25 E-mail: mail@skh.org  
Fax: +31 (0) 317 41 26 10 Website: <http://www.skh.org>

#### 4.2 Product certificate

It is the duty of the producer to make sure that the buyer receives a copy of the complete product certificate.

#### 4.3 Application and use

The plywood is suitable for (structural use) use in construction and other applications.

#### 4.4 Period of validity

Consult the SKH-website <http://www.skh.org> to verify whether the product certificate is still valid.