



KOMO[®] product certificate

Semi-manufactured product

Stichting Keuringsbureau Hout SKH

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PLYWOOD for use in construction (structural use) and other applications

Number: 32609/08
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Producer

CEMA BOIS DE L'ATLAS

Route de Bouskoura - Sidi Maârouf

P.O. Box 13203

CASABLANCA

MOROCCO

Tel. (00) 212 22 95 98 00 / 95 98 04

Fax (00) 212 22 33 51 32 / 33 51 80

E-mail: contact@cema-atlas.com

Website: <http://www.cema-atlas.com>

Declaration of SKH

This product certificate has been issued by SKH on the basis of BRL1705 "Plywood", in accordance with the SKH Regulations for Certification.

SKH declares that there is a legitimate confidence that the plywood manufactured by the producer continuously complies with the technical specification laid down in this product certificate, provided that it has been provided with the KOMO[®]-mark depicted hereunder, in a way as indicated in this product certificate.

SKH declares that the certified plywood in its applications under above-mentioned conditions complies with the relevant requirement of the Building Act.

For the authorization by the Minister of VROM reference is made to the "Overview of authorized quality declarations in the building industry" as given on the website of the Foundation for Building Quality (SBK), www.bouwkwaliiteit.nl.

For SKH


R. Wigboldus, director

Users of this product certificate are advised to enquire at SKH whether this document is still valid.

This product certificate consists of 4 pages.

The Dutch version shall be consulted in case of doubt.



**Building Act
supports CE**

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 connection with its use
2.1	General strength in situation of use		Not applicable	Performance has not been assessed; to be determined by design engineer
2.12	Restriction development of fire	Class 1, 2, 3 or 4 according to NEN 6065, or at least fire class D according to NEN-EN 13501-1		Thickness \geq 9 mm, class D. Thickness < 9 mm, class F.
2.15	Restriction development of smoke	Smoke density $\leq 10 \text{ m}^{-1}$, $\leq 5,4 \text{ m}^{-1}$ or $\leq 2,2 \text{ m}^{-1}$ according to NEN 6066, or at least smoke class s2 according to NEN-EN 13501-1		Thickness \geq 9 mm complies with smoke class s2. Thickness < 9 mm, value not known.
3.15	Restriction use of harmful materials	According to Ministerial Regulations		Formaldehyde class E1 determined in accordance with EN 717-2

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[®]-mark

The execution of this mark is as follows:

- wordmark KOMO[®] or logo;
- no. **32609**;
- 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 sections 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	Carries CE	Class of surface finish according to BRL 1705	Timber specie	Glue
GARANT	3 - 8 9 - 40	Yes	A	Okoumé throughout	UMF EN 314-2 Class 3
B/BB STANDARD	3 - 8 9 - 40	Yes	C	Okoumé throughout	
PAINT PANELS ¹⁾	8 - 40	Yes	D	Okoumé throughout	

*1) For product properties see chapter 3.

Table 2: Composition of the plywood

Type of sheet	Thickness in mm	Number of layers (minimum)
All types	3 - 6	3
	6 - 10	5
	12 / 15	7
	18 - 20	9
	22 - 25	11
	30	13
	40	17

2 PRODUCT PROPERTIES

2.1 Safety performances

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 2.1

The characteristic values of the mechanical properties of the plywood have been determined.
 The plywood can be used as a structural panel.
 The characteristic values of the mechanical properties can be found in the 'Declaration of Conformity' of the producer.

RESTRICTION OF THE DEVELOPMENT OF FIRE; BUILDING ACT, SECTION 2.12

2.1.2 Contribution to the propagation of fire; Building Act, section 2.91.

The fire class of the plywood belongs, determined according to NEN-EN 13501-1, to fire class D for plywood with a thickness of 9 mm and thicker and fire class F for sheets thinner than 9 mm.

RESTRICTION OF THE DEVELOPMENT OF SMOKE; BUILDING ACT, SECTION 2.15

2.1.3 Smoke density; Building Act, section 2.125

The smoke class of the plywood, determined in accordance with NEN-EN 13501-1, belongs to smoke class s2 for plywood with a thickness of 9 mm and thicker.
 The smoke class for sheets thinner than 9 mm has not been determined.

2.2 Health performances

RESTRICTION OF USE OF HARMFUL MATERIALS; BUILDING ACT, SECTION 3.15

2.2.1 Use of harmful materials; Building Act, section 3.106

The formaldehyde emission of the sheets, determined in accordance with EN 717-2 complies with the requirements for class E1.

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3 OTHER PRODUCT PROPERTIES

Paint panels:

Sheets of the type 'Paint' have already been provided with a white paint, total thickness 80 µm, built up by 2 layers and sanded after the first layer. Sheets of the type 'Super Paint' have been provided with a primed MDO overlay with a minimum weight of 200 g/m².

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:

CEMA BOIS DE L'ATLAS

and if desirable:

The certification-body Stichting Keuringsbureau Hout SKH
Office building 'Het Cambium',
Nieuwe Kanaal 9c, 6709 PA Wageningen
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 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.