



KOMO[®] product certificate

Semi-manufactured product

SKH

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OSB SMARTPLY 2, SMARTPLY 3 AND SITEPROTECT for use in construction and other applications

Number: 32685/10 PDF
Issued: 28-10-2010
Supersedes: 32685/09

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Agent

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Declaration of SKH

This product certificate has been issued by SKH on the basis of BRL 1106 "OSB Oriented Strand Board" dd. 06-07-2006, in accordance with the SKH Regulations for Certification.

SKH declares that there is a legitimate confidence that the OSB 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 OSB in its applications under above-mentioned conditions complies with the relevant requirements of the Building Act.

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): <http://www.bouwkwiteit.nl>.

For SKH

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



**Building Act
Provided with CE**

The following has
been assessed:
quality system
product
Continuous
surveillance

OSB

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for use in construction and other applications

BUILDING ACT ENTRY (ONLY FOR USE IN CONSTRUCTION)

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 end use			Performance in situation of end use has not been assessed; to be determined by design engineer. Characteristic values for the OSB can be obtained from EN 12369-1, clause 5.2
2.12	Restriction development of fire	Class 1, 2, 3 or 4 according to NEN 6065, or at least fire class D according to EN 13501-1		Fire class D, provided - thickness = 9 mm and - density $\geq 600 \text{ kg/m}^3$. If thickness < 9 mm or density < 600 kg/m ³ : 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 EN 13501-1		Smoke class s2, provided - thickness = 9 mm and - density $\geq 600 \text{ kg/m}^3$. If thickness < 9 mm or density < 600 kg/m ³ : smoke class not determined.
3.15	Restriction use of harmful materials	According to Ministerial Regulations		Formaldehyde class E1, determined in accordance with EN 120

1 PRODUCT SPECIFICATION

1.1 Subject

OSB for use in construction (including CE marking).
 OSB for other applications (CE marking not required).

1.2 Marking

Each sheet of OSB shall be marked with the KOMO[®]-mark.

The execution of this mark is as follows:

- wordmark KOMO[®] or logo;
- no. **32685**;
- nominal thickness in mm;
- nominal density in kg/m³;
- type indication (SmartPly2, SmartPly3 or Siteprotect);
- indication E1.



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

1.3 Product specification

The panels SmartPly2, SmartPly3 and Siteprotect manufactured by the producer, are in accordance with the requirements of chapters 3 and 4 of BRL 1106 "OSB".

This includes that all panels fulfil the requirements of both EN 300 and EN 13986.

The product specifications are mentioned in tables 1 and 2.

OSB

SMARTPLY 2, SMARTPLY 3 AND SITEPROTECT for use in construction and other applications

Table 1: Description of SmartPly2

Type	Nominal thickness in mm	Density in kg/m ³	Carries CE*	Degree of blue stain	Formaldehyde class
OSB/2	8-25	600	Yes	None	E1

*) Only applicable for OSB/2 to be used in construction

Table 2: Description of SmartPly3

Type	Nominal thickness in mm	Density in kg/m ³	Carries CE*	Degree of blue stain	Formaldehyde class
OSB/3	9-25	600	Yes	None	E1

*) Only applicable for OSB/3 to be used in construction

Table 3: Description of Siteprotect

Type	Nominal thickness in mm	Density in kg/m ³	Carries CE*	Degree of blue stain	Formaldehyde class
OSB/3	18	600	Yes	None	E1

*) Only applicable for OSB/3 to be used in construction

2 PRODUCT CHARACTERISTICS IN RELATION TO PERFORMANCE REQUIREMENTS BUILDING ACT

2.1 Safety performances

2.1.1 GENERAL STRENGTH OF THE BUILDING CONSTRUCTION; Building Act, section 2.1

Strength of building construction; Building Act, section 2.1

The characteristic values of the mechanical properties of the OSB can be obtained from EN 12369-1, clause 5.2.

2.1.2 RESTRICTION OF FIRE DEVELOPMENT; BUILDING ACT, section 2.12

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

The fire class of the OSB, determined according to EN 13501-1, belongs to fire class D, provided the panel thickness = 9 mm and panel density $\geq 600 \text{ kg/m}^3$.

2.1.3 RESTRICTION OF SMOKE DEVELOPMENT; BUILDING ACT, section 2.15

Smoke density; Building Act, section 2.125

The smoke class of the OSB, determined in accordance with EN 13501-1, belongs to smoke class s2, provided the panel thickness = 9 mm and panel density $\geq 600 \text{ kg/m}^3$.

2.2 Health performances

2.2.1 RESTRICTION OF USE OF HARMFUL MATERIALS; BUILDING ACT, section 3.15

Use of harmful materials; Building Act, section 3.106

The formaldehyde emission of the OSB panels, determined in accordance with EN 120 complies with the requirements for class E1.

OSB

SMARTPLY 2, SMARTPLY 3 AND SITEPROTECT for use in construction and other applications

3 OTHER PRODUCTS PROPERTIES

For the production of OSB use shall be made exclusively of timber delivered from forests that comply with the FSC criteria for sustainable forest certification. The OSB carries the FSC mixed sources mark.

4 SUGGESTIONS FOR THE USER

4.1 On delivery of the OSB 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:

Coillte Panel Products

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 OSB panels are suitable for use in construction and for other applications.

4.4 **Period of validity**

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