General

This amendment sheet replaces amendment sheet dated 04-11-2024 belonging to the assessment directive AD 1705 "Plywood" dated 9-11-2021 and shall be used by the certification bodies accredited for this purpose by the Council for Accreditation and that have a licence agreement for this purpose with the KOMO® Foundation, as a supplement to the assessment directive for the handling of an application for or maintaining a KOMO® product certificate.

This amendment sheet is:

- Adopted by the Board of Experts SKH dated 24-08-2026.
- Accepted by the KOMO® Quality and Assessment Board dated 27-10-2026.

Description of amendment

This amendment concerns the conversion of the KOMO attest-with-product certificate into a KOMO product certificate and some updates for the purpose of alignment with the latest KOMO format. It also concerns an adjustment to the consequences of the Building Quality Assurance Act (Dutch Wkb) coming into force.

In addition, this amendment concerns an update of the formaldehyde emission requirements following the entry into force of the requirements laid down in Annex XVII, Entry 77, of Regulation (EC) No. 1907/2006 (REACH).

The following sections should be amended in the AD:

- Replace in all texts of the assessment directive the term "KOMO® attest-with-product certificate" with "KOMO® product certificate"
- Replace para. 1.1 with the para. 1.1 in this amendment sheet
- Add para. 1.3 Validity
- Replace para. 1.3 with para. 1.4, 1.4.1 and 1.4.2 in this Amendment Sheet
- Replace para. 1.4 with the para. 1.5 in this amendment sheet
- Add para. 1.6 from this amendment sheet
- Replace chapter 2 with the chapter 2 in this amendment sheet
- Delete chapter 3
- Insert at chapter 4, for section 4.1: *If and insofar as the product requirements to be treated with hereafter are also recorded as essential characteristics (as laid down in the declaration of performance drawn up within the framework of the European Construction Products Regulation), no assessment of the quality system and/or determination of product characteristics shall take place for the purpose of the KOMO® product certificate, but the certifying body shall verify that the statements still comply with the requirements laid down in this assessment directive.*
- Add para. 4.13 from this amendment sheet
- Delete chapter 8
- Replace chapter 10 with the chapter 10 in this amendment sheet

1.1 General

The requirements for certification and attestation laid down in this assessment directive shall be used by the certification bodies accredited for this purpose by the Council for Accreditation or that have submitted an application for accreditation and have a license agreement for this purpose with the KOMO Foundation® when handling an application for or maintaining a KOMO® product certificate for 'Plywood'.

A product certificate for plywood is issued on the basis of the requirements in this assessment directive. With this product certificate, the certificate holder can demonstrate to his clients that an expert independent organisation supervises the production process of the certificate holder, the quality of the product and the associated quality assurance. As a result, it may be assumed that the product contains the characteristics laid down in this AD.

In addition to the requirements laid down in this assessment directive, the certification bodies impose additional requirements, in the sense of general procedure requirements of certification, as laid down in the general certification regulations of the relevant certification body.

1.3 Validity

This amendment sheet is valid from 05-11-2026 and will be applied in conjunction with the associated assessment directive.

Product certificates may be issued on the basis of the assessment directive with amendment sheet dated 04-11-2024 until 3 months after publication of this amendment sheet at the latest. In any case, certificates issued on the basis of that version shall lose their validity 6 months after publication of this amendment sheet.

1.4 Relation to laws and regulations

1.4.1 European Construction Products Regulation (CPR, EU 305/2011)

The harmonised European standard EN 13986 applies to part of the products within the scope of this assessment directive; it concerns plywood for permanent structural application in buildings and bridges .[1]

[1]EN13986 does not apply to plywood in non-constructional applications.

1.4.2 Regulation (EC) No. 1907/2006 (REACH) – Annex XVII, Entry 77 – Formaldehyde and formaldehyde releasers

The plywood shall comply with the formaldehyde emission requirements specified in Entry 77 of Annex XVII to Regulation (EC) No. 1907/2006 (REACH). The formaldehyde emission shall be determined in accordance with the test method prescribed in Appendix 14 of Annex XVII and shall not exceed the limit value specified therein.

1.5 Requirements for conformity assessment institutions

With regard to the requirements laid down in this Assessment Directive, the applicant can, within the framework of external control, submit reports from conformity assessment bodies in order to demonstrate that the requirements of this AD are met. It will have to be demonstrated that the relevant inspection, analysis, test and/or evaluation reports have been drawn up by an institution that complies with the relevant applicable accreditation standard for the subject in question, viz:

- NEN-EN-ISO/IEC 17020 for inspection bodies
- NEN-EN-ISO/IEC 17021-1 for institutions that certify management systems
- NEN-EN-ISO/IEC 17025 for laboratories
- NEN-EN-ISO/IEC 17065 for institutions that certify products, processes and services

An institution is deemed to meet these criteria when an accreditation certificate for the subject matter in question can be presented, issued by the Dutch Accreditation Council (RvA) or another accreditation body accepted as a member of a multilateral agreement on mutual recognition and acceptance of accreditation drawn up within EA, IAF and ILAC. If no accreditation certificate can be presented, the certification body itself will assess whether the accreditation criteria have been met.

1.6 KOMO product certificate

KOMO product certificates are issued on the basis of this assessment directive. The statements in these product certificates are based on chapters 4, 5 and 6 of this AD.

The product certificate to be issued shall correspond to the model product certificate as published for this version of the AD on the KOMO website (www.komo.nl).

2 EXTERNAL CONFORMITY ASSESSMENTS

For the purpose of issuing the KOMO product certificate, the certification body carries out an admission examination. After the KOMO product certificate has been issued, the certification body carries out periodic assessments.

2.1 Admission assessment

The applicant for the product certificate indicates which products are to be included in the product certificate to be issued. The applicant shall provide all relevant details of these products for the purpose of drawing up the product specification and the statement of product characteristics to be included in the product certificate.

For the purpose of granting the product certificate, the certification body carries out an admission examination in which:

- The certification body assesses whether the applicant is able to guarantee, by means of his quality system, that the products have the characteristics and deliver the performances laid down in chapter 4 of this AD. Assessment of the production process and the finished product are part of this.
- The certification body assesses whether the operational system of quality assurance complies with the requirements in chapter 6 of this AD.
- The certification body reviews the available processing instructions, application conditions and maintenance instructions.

Where applicable, it shall be verified whether the documents provided with regard to the product and/or internal quality control and the results stated therein comply with the requirements in this assessment directive.

On some of the products included in the scope of this assessment directive, the harmonised European standard EN 13986 applies,
it concerns plywood for constructional applications. With regard to the essential product characteristics, as laid down in the ZA Annex of the harmonised European standard, with the corresponding components of the internal quality control, the certification body is satisfied that the statements comply with the requirements laid down in this assessment directive.

Note: With regard to the essential characteristics (as laid down in the declaration of performance drawn up within the framework of the European Construction Products Regulation), no assessment of the quality system and/or determination of product characteristics takes place for the purpose of the KOMO® product certificate, but the certifying body shall verify that the statements still comply with the requirements laid down in this assessment directive.

In terms of essential characteristics, quality control is covered by Factory Production Control (FPC) as defined in the ZA Annex of the harmonised European standard(s).

A report is drawn up of the admission examination, on the basis of which the product certificate, may or may not be granted.

2.2 Nature and frequency of periodic assessments

After the product certificate has been issued, the certification body carries out periodic assessments of the certificate holder on compliance with his obligations. When this assessment directive came into force, the frequency was set at 1 periodic assessment per year.

The periodic assessments will cover at least:

- The results of the product checks carried out by the certificate holder in accordance with chapter 4.
- Assessment of the continued and effective application of the quality system in accordance with chapter 6.
- The correct way of marking the certified products.
- The continuing value and suitability of the application/use conditions and processing instructions prepared by the certificate holder

Where applicable, it shall be verified whether the documents provided with regard to the product and/or internal quality control and the results stated therein comply with the requirements in this assessment directive.

A written report is drawn up of these assessments. On the advice of the Board of Experts, the sanctions policy and the above-mentioned assessment frequency may be adjusted on the basis of arguments.

The country of the applicant/certificate holder should generally be safe for inspection visits by the certification body. If the Ministry of Foreign Affairs issues a negative travel advice, the country will not be visited, but the products must be checked upon entry into the Netherlands. The producer is then obliged to report the shipments, including time and place of receipt, to the certification body in time and in writing.

Periodic sampling
Once a year, a sample is taken from the market from which, the characteristics of the product are tested according to the applicable standard by an independent laboratory. (The tests do not include the essential characteristics described in the ZA Annex of the relevant European harmonised standard).

Additional checks or sampling

If independently obtained evidence indicates a non-conforming product with regard to other product characteristics (not the essential characteristics described in the ZA Annex of the relevant European harmonised standard), the certification body has the authority to carry out additional checks at the production site or to take additional samples for further examination by an external laboratory. The costs for this shall be borne by the certificate holder. A written report is drawn up of the investigations. Examples of independently obtained evidence are the discovery of a shortcoming during an inspection visit, the discovery of a non-conformity in a product already placed on the market, or a formal complaint by third parties concerning the certificate holder or the product.

4.13 Reaction to fire

Limit value

Plywood for applications in construction with a thickness of 9 mm onwards shall comply with at least D-s2, d0.

Determination method

The reaction to fire shall be determined in accordance with EN 13986+A1 section 5.8 or EN 13501-1.

Admission assessment and periodic assessment

It is checked whether the plywood complies at least with D-s2, d0 in accordance with EN 13986+A1 section 5.8 or EN 13501-1.

Note: In the case of plywood for use in construction, the fire and smoke class on the Declaration of Performance is verified.

Product certificate

In the case of plywood for other applications (non-constructional), the product certificate states the fire and smoke class.

In the case of plywood for use in construction, the product certificate states that the fire and smoke class as included in the Declaration of Performance has been verified and complies.

10. LIST OF DOCUMENTS

10.1 Public law regulations

Construction products regulation (CPR) EU 305/2011

Regulation (EC) No. 1907/2006 (REACH) – Annex XVII, Entry 77 – Formaldehyde and formaldehyde releasers.

10.2 Other documents

The following documents are referred to in this assessment guideline:

EN 314-2:1993	Plywood – Bonding quality – Part 2: Requirements
EN 315: 2000	Plywood – Tolerances for dimensions
EN 350: 2016	Durability of wood and wood-based products - Testing and classification of the durability to biological agents of wood and wood-based materials
EN 635-2:1995	Plywood – Classification by surface appearance – Part 2: Hardwood
EN 635-3:1995	Plywood - Classification by surface appearance - Part 3: Softwood
EN 13986: 2004+A1:2015	Wood-based panels for use in construction - Characteristics, evaluation of conformity and marking
NPR-CEN/TS 12169: 2008	Criteria for the assessment of conformity of a lot of sawn timber
PS1-09: 2010	Voluntary Product Standard PS 1-09 Structural Plywood
AD 0806: 2022	Paint application on wood and wood based panels
AD 0814: 2016	Film-forming coatings for application on wood (Incl. AS d.d. 24-12-2024)
AD 0817: 2019	Film-forming midcoat and topcoat systems on timber

10.3 Informative documents

The following documents are referred to informatively in this assessment directive:

EN-ISO 9001:2015 Quality management systems — Requirements