

Certificate holders AD 1701  
"Glued laminated timber"

Date: 3 September 2018  
Our reference: 00.119.360  
Handled by: Peter de Graauw  
Re: Approval AD 1701  
Attachment(s): AD 1701: 2018

Dear management,

On 24 May 2018, a revised version of the AD 1701 "Glued laminated wood" was accepted by the KOMO commission of quality and verification of the KOMO foundation. With the approval, the AD was updated on certain points and the requirements for glued laminated wood were modified.

With regards to the product requirements (chapter 5), the following modifications are important:

- All glued laminated timber of coniferous wood should comply with NEN-EN 14080;
- The production of glued laminated timber from hard wood must comply with Annex-I of NEN-EN 14080;
- Timber shall be strength graded accordance to NEN-EN 14081-1;
- The method of determining the strength class of the glued laminated hardwood has changed, see details under paragraph 5.3.3.2 of the AD;
- There are now 3 different finishing classes which have been redefined. The requirements of the finishing classes are in line with the "BS-Holz-Merkblatt" of January 2016 and displayed in table 3 of the AD;
- If elements must be placed at a certain angle (slanted), these must be covered, see details about this under paragraph 5.5.2 of the AD.

With regards to the processing instructions (chapter 6), the following modifications are important:

- Processing instructions must be included with delivery of glued laminated timber;
- For glued laminated timber intended for "trade" (certificate type 1), these at least relate to transportation and storage, with minimum requirements listed under paragraph 6.1.1 of the AD;
- For glued laminated wood intended for specific applications (certificate type 2), these in addition to transportation and storage (par. 6.1.1) also relate to installation on the construction site, processing at the construction site and finishing layers, with minimum requirements listed under paragraphs 6.1.2, 6.1.3 and 6.1.4 of the AD;

- For application in climate class III (exposed outdoors) these in addition to the previous points relate to facilities for the most severely exposed areas, connections, finishing layers and maintenance, with minimum requirements listed under paragraph 6.2 of the AD.

With regards to the requirements for the quality system (chapter 7), the following modifications are important:

- The small finger joints in glued laminated hard wood must be inspected in accordance with Annex E of NEN-EN 14080;
- The quality of glue joints in laminated hard wood must be inspected in accordance with Annex C, D and I.5.8 of NEN-EN 14080;
- The large finger joints in glued laminated hard wood must be inspected in accordance with Annex I.6.6 of NEN-EN 14080;

We ask you to familiarise yourself with these differences and to where necessary implement these in your quality system. If you have any questions, please contact the SKH project manager Peter de Graauw.

The transition period between the old and the new AD has been set at 1 year and expires on 24-5-2019. From this date on, all the glued laminated timber supplied under KOMO must comply with the new AD. During the transition period, the SKH inspectors will determine whether you are able to work and deliver in accordance with the new AD; this will coincide with the regular biannual KOMO inspections.

- a) We would like to receive all accompanying declarations of performance for all glued laminated coniferous wood which you produce under the KOMO certificate.
- b) We would like to receive the timber type and strength class for the glued laminated deciduous wood, substantiating that the posed requirements are met.
- c) If you would like to receive a "Type 2" certificate under the new AD, we would like to receive all construction calculations of a project for evaluation.

In order to ensure that you have a new KOMO certificate by 24-5-2019, please submit the aforementioned documents (a, b, c) to SKH for evaluation on time (24-3-2019 at the latest). You can do this during the biannual inspections, by appointment or by sending all documentation to [p.degraauw@skh.nl](mailto:p.degraauw@skh.nl).

We assume to have informed you sufficiently and ask you to forward this information to the appointed employees within your organisation.

Kind regards,  
**SKH**



Drs. H.J.O. van Doorn