

## TÜV Rheinland LGA Products - Information

08/2021

### New EK5/AK1 Test Principles for Safety of Single or Multiple Hinge Joint Ladders

Expert group EK5/AK1 "Scaffoldings, Ladders, and Stepstools" updates the below test principle:

**EK5/AK1 17-04.03:2021-08**

#### **Test Principles for the Safety of Single or Multiple Hinge Joint Ladders**

(Previous: EK5/AK1 17-04.2:2020-02)

Main changes compared to the previous versions are:

- Paragraph 1-4.8 changed and replaced by requirements of EN 131-1:2015+A1:2019
- Paragraph 5-9 supplemented by tests of EN 131-4:2020
- Paragraph 10-17 changed and replaced by requirements of EN 131-4:2020
- Decision No. 126 deleted
- Decision No. 127 added:  
Deviation in the range of the functional dimensions for single and multi hinge joint ladders according to EN 131-4:2020
- Decision No. 128 added:  
Testing of the automatically locking joints of ladders according to EN 131-4:2020
- Decision No. 129 added:  
Enquiry about the design for the simultaneous use of steps and rungs within one riser of a ladder
- Decision No. 130 added:  
Cross-sections for wooden rungs (EN 131-2:2017-04, 4.7)
- Decision No. 131 added:  
Lateral deflection for combination ladders (EN 131-2:2017-04, 5.4)

The above mentioned test principles are valid from 2021-08-01. Implementation category C: implementation after max. 3 months, existing certificates remain valid until their expiry date.

Regardless of the implementation category we strongly recommend to design your product according to the actual requirement as mentioned above as this is considered to be state of the art.

Further information on the topic can be received from:

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