

Declaration of Performance



DoP-NR.: sm21B



1. Article: 2.1 smooth BK
2. Batch-Number: See Batch-Stamp on outer package
3. Fastener for timber construction
4. BeA GmbH
Bogenstraße 43-45
22926 Ahrensburg, Germany
5. -
6. System of assessment and verification: 3. ITT and documentation by notified testing laboratory (see 7)
7. VHT Darmstadt, Germany performed the initial type testings under system 3 and issued the test/calculation report
8. -
9. Declared performance:

| Essential characteristics | Performance | In wood density | Harmonised technical specification |
|-----------------------------|------------------------|-----------------------|------------------------------------|
| Yield moment | 1.239 Nmm | - | EN 14592:2008+ A1:2012 |
| Withdrawal parameter | 2,45 N/mm ² | 350 Kg/m ³ | |
| Head pull-through parameter | 8,58 N/mm ² | 350 Kg/m ³ | |
| Service-class | 1 | | EN 1995-1-1 |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Dr. Jörg Dalhöfer (CEO)
Ahrensburg, 1st June 2021