



Declaration of Performance



DoP-NR.: sm31Fro

1. Article: 3.1 smooth FV roofing nail
2. Batch-Number: See Batch-Stamp on outer package
3. Fastener for timber construction
4. Joh. Friedrich Behrens AG
Bogenstraße 43-45
22926 Ahrensburg, Germany
5. -
6. System of assessment and verification: 3. ITT and documentation by notified testing laboratory (see 7)
7. The 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 tech. specification
Yield moment	6.360 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	3		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:

Tobias Fischer-Zernin (President)

Ahrensburg, 19th June 2013