Declaration of performance

According to Construction Products Regulation (EU) 305/2011
No. MK-130007

1. Unique code: Threaded nail

2. Means of identification: 15° Nails 50mm – 65mm
   type 50R_BB (R= Ring, BB = Bright Basic)

3. Intended use: dowel-type fasteners for use in load bearing timber structures

4. Manufacturer: Isaberg Rapid AB, Metalgatan 5, SE 33027, Hestra , Sweden

5. Authorized representative, if any: not applicable

6. System of constancy of performance: system 3

7. Purpose harmonized standards: The testing institute for wood and dry construction (VHT) – 1503 carried out an evaluation and testing of the constancy of performance according to system 3. On the basis of type testing (based on the sample drawn by the manufacturer), type calculation, tabulated values or descriptive documentation of the product, the product type could be determined and an inspection report with regard to the essential characteristics of the building product was issued

8. Declaration of performance at an ETA[1]: not applicable

9. Declared performance

Essential characteristics	Performance	Harmonized technical specification
Characteristic withdrawal parameter	$f_{ax,k}$ = 9,73 N/mm^2	DIN EN 14592:2009-02
Characteristic head pull-through parameter	$f_{head,k}$ = 15,09 N/mm^2	DIN EN 14592:2009-02
Characteristic yield moment	$M_{y,k}$ = 1930 Nmm	DIN EN 14592:2009-02
Characteristic tensile capacity	NPD	DIN EN 14592:2009-02
Longevity (corrosion protection)	Service class 1 (BRIGHT)	DIN EN 14592:2009-02

10. The performance of the product identified in point 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is used under the sole responsibility of the manufacturer identified in point 4.

    Signed for and on behalf of the manufacturer by:

    Kent Carlsson
    Technical Product Manager

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    Hestra, Sweden the 28th April 2016

[1] European Technical Approval