



Declaration of Performance

DoP -

DT9931RB-QZ

1. Product Type: Bright ring shank D-head timber nails
2. Identification: DT99931RB-QZ
3. Intended Use:

Intended Use	Round cross-sectional bright nails with ring shank for use in load-bearing timber structures
Diameter [mm]	3,1
Available lengths $l_n$ [mm]	90

4. Manufacturer: DeWalt, Richard Klinger Straße 11, 65510 Idstein, Germany
5. Representative: N/A
6. System of Assessment: System 3
7. Harmonized Standard & Notified Body:  
VHT (NB: 0769) performed the third party tasks as set out in Annex V under System 3. ITT: 459-10/3,1 fzn ring and 459-10/3,1-D-Kopf in accordance with EN 14592:2008+A1:2012.
8. European Technical assessment & Technical Assessment Body: N/A
9. Declared Performance:

Essential characteristics	Performance	Harmonised technical specification
Characteristic Yield Moment $M_{y,k}$	3566 Nmm	EN 14592:2008+A1:2012
Characteristic Withdrawal Parameter $f_{ax,k}$ <sup>1,2</sup>	7,62 N/mm <sup>2</sup>	EN 14592:2008+A1:2012
Characteristic Head Pull Through Parameter <sup>1</sup> $f_{head,k}$	13,82 N/mm <sup>2</sup>	EN 14592:2008+A1:2012
Characteristic Tensile Capacity $f_{tens,k}$	NPD	
Durability	Service Class 1	EN 14592:2008+A1:2012

<sup>1</sup> Given for wood density of 350 kg/m<sup>3</sup>

<sup>2</sup> Withdrawal parameter determined on nails without resin coating

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:

Idstein, July 1, 2013

Horst Grossmann  
Vice President Engineering and Product Development