



## DECLARATION OF PERFORMANCE

No. KAQ\_0430

1. Unique identification code of the product-type: **AQUAPANEL® Rustproofed Screw SB 40 SB40\_424110\_017**
2. Intended use/es: **Mechanical fasteners for wooden constructions**
3. Manufacturer: **Knauf Aquapanel GmbH & Co. KG, Zur Helle 11, D - 58638 Iserlohn**  
Tel.: +49 2374 5036-0, Fax: +49 2374 5036-300, E-Mail: [aquapanel.info@knauf.com](mailto:aquapanel.info@knauf.com)
4. Authorised representative: not applicable
5. System/s of AVCP: **System 3**
6. a) Harmonised standard: **EN 14592:2008+A1:2012**  
Notified body/ies: **SZU BRNO (1015)** executed initial type test
6. b) European Assessment Document / European Technical Assessment / Technical Assessment Body /  
Notified body/ies: not applicable
7. Declared performance/s:

Essential characteristics	Performance	Harmonised technical specification
Characteristic yield moment $M_{y,k}$	2,132 Nmm	EN 14592 :2008+A1:2012
Characteristic withdrawal parameter $f_{ax,k}$	16.29 / 12.08 N/mm <sup>2</sup> loading across the fibre / along the fibre Wood density: 360 kg/m <sup>3</sup>	
Characteristic head pull-through parameter $f_{head,k}$	29.63 N/mm <sup>2</sup> Wood density: 360 kg/m <sup>3</sup>	
Characteristic head pull-through parameter $f_{tens,k}$	4.47 kN	
Characteristic head pull-through parameter $f_{tor,k}$	2.72 Nmm Wood density: 450 kg/m <sup>3</sup>	
Durability (i.e. corrosion protection)	Stainless steel A2 (1.4567) (Service class 3 acc. to EN 1995-1-1)	EN 1995-1-1:2010-12

8. Appropriate Technical Documentation and/or Specific Technical Documentation: not applicable

The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:

Claus Ripken, General Manager

Iserlohn, 30.09.2019