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/ies: 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

4. Authorised representative: not applicable

5. System/s of AVCP: System 3

    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:

<table>
<thead>
<tr>
<th>Essential characteristics</th>
<th>Performance</th>
<th>Harmonised technical specification</th>
</tr>
</thead>
<tbody>
<tr>
<td>Characteristic yield moment $M_{y,k}$</td>
<td>2.132 Nmm</td>
<td></td>
</tr>
<tr>
<td>Characteristic withdrawal parameter $f_{ax,k}$</td>
<td>16.29 / 12.08 N/mm² loading across the fibre / along the fibre</td>
<td>EN 14592 :2008+A1:2012</td>
</tr>
<tr>
<td>Characteristic head pull-through parameter $f_{head,k}$</td>
<td>29.63 N/mm² Wood density: 360 kg/m³</td>
<td></td>
</tr>
<tr>
<td>Characteristic head pull-through parameter $f_{ens,k}$</td>
<td>4.47 kN</td>
<td></td>
</tr>
<tr>
<td>Characteristic head pull-through parameter $f_{for,k}$</td>
<td>2.72 Nmm Wood density: 450 kg/m³</td>
<td></td>
</tr>
<tr>
<td>Durability (i.e. corrosion protection)</td>
<td>Stainless steel A2 (1.4567) (Service class 3 acc. to EN 1995-1-1)</td>
<td>EN 1995-1-1:2010-12</td>
</tr>
</tbody>
</table>

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

28.5.2014 L 159/43 Official Journal of the European Union EN