

KNAUF

AQUAPANEL®

AQUAPANEL® Exterior Stainless Steel Screws

AQUAPANEL® Exterior Stainless Steel Screws are made from V2A stainless steel and designed to fix the AQUAPANEL® Cement Board Outdoor to substrates.

Product-Data-Sheet



Areas of Application

AQUAPANEL® Exterior Stainless Steel Screws SN 40 are used to fix AQUAPANEL® Cement Board Outdoor to timber substructures.

AQUAPANEL® Exterior Stainless Steel Screws SB 40 are used to fix AQUAPANEL® Cement Board Outdoor to aluminium substructures.

Compliance Standards

EN 14592:2008+A1:2012

Key Benefits

- The screws have milling ribs under the countersunk head, ensuring a flush and clean countersinking of the head
- The screws have a star drive for the optimized transmission of torques
- A HiLo-thread to ensure optimum grip
- Tested specifically for use with Knauf AQUAPANEL® Cement Boards

Build on us.

Creation Date: 24/06/2024
Revision Reference: 002
Revision Date: 17/01/2025

Product Information

Performance Data

Screw Type	Characteristic Tield Moment $M_{y,k}$ (Nmm ²)	Characteristic Withdrawal Parameter $f_{ax,k}$ (N/mm ²)	Characteristic Head Pull Through Parameter $f_{head,k}$ (N/mm ²)	Characteristic Tensile Capacity $f_{tens,k}$ (kN)	Characteristic Torsional ratio $f_{tor,k}$	Durability (EN 1995-1-1)
SN40	2.911	18.39/12.07	26.54	2.45 Nmm - Wood density: 450kg/m ³	Stainless steel A2 (1.4567) (Service class 3)	Passed
SB40	2.132	16.29/12.08	29.63	2.72 Nmm - Wood density: 450kg/m ³	Stainless steel A2 (1.4567) (Service class 3)	

Technical Information

Screw Type	Length (mm)	Diameter (mm)	Screw Head Type	Suitable Substrates	Approximate Coverage (screws/m ²)	Material Number
SN40	40	4	Countersunk	Timber	Wall: 15 - stud spacing 600 mm	87197
SB40	40	4	Countersunk	Aluminium	Wall: 25 - stud spacing 300 mm Ceiling: 25 - stud spacing 300 mm	424110

Additional Information

Sustainability

Recyclability

Fully recyclable

Substances of very high Concern (SVHC)

At the time of publication, under REACH UK and REACH EU regulations this product contains no SVHC. For more information please consult the Safety Data Sheet.

Volatile Organic Compound Content (VOC)

191 mg/kg, determined as per EN ISO 11890-2.

Storage and Handling

Store in dry conditions.

Packaging

Cardboard Box.

Disposal

Disposal should be in accordance with local authority requirements.

Health & Safety

Please refer to our Safety Data Sheet for guidance on Personal Protection Equipment required for the handling and installation of this product.

Application / Installation

The screws are installed flush, so that the screw heads are level with the face of the board with screw spacing ≤ 250 mm. Note the spacing from the edges of minimum 15mm. The use of screwdrivers with depth control is recommended.

Additional Documentation

[Declaration of Performance UKCA](#)

[Declaration of Performance CE](#)

Product Accreditations:



Knauf UK GmbH Company Accreditations:



The information given in this publication is believed to be current and accurate as at the date of publication, but no warranty, express or implied is given. Updates will not be automatically issued © Copyright Knauf 2024

Customer Service

UK Tel: 0800 521 050
Eire Tel: 01 4620739
Email: cservice@knauf.com

Technical Service

Tel: 0800 521050 (option 2)
Email: technical-uk@knauf.com
(excluding public holidays)

UK Address

Knauf
Kemsley Fields Business Park
Sittingbourne
Kent ME9 8SR

Ireland Address

Knauf
87 Broomhill Road
Tallaght
Dublin 24
D24 WR85

Creation Date: 24/06/2024
Revision Reference: 002
Revision Date: 17/01/2025