

DECLARATION OF PERFORMANCE

No. DoP 2

1/3 

1. Unique identification code for product type

SPAX

See attached table for item number and EAN code

2. Usage

Screws for use in load-bearing timber constructions

3. Manufacturer

SPAX International GmbH & Co. KG
Kölner Straße 71-77
D-58256 Ennepetal
Germany

4. Not applicable

5. Performance evaluation and verification system (according to 97/176/EC)

System 3

6a. Not applicable

6b. Technical assessment body

ETA-Danmark A/S
Kollegievej 6
DK-2920 Charlottenlund, Denmark

European Technical Assessment reference number

ETA-16/0617 2019/05/24

European Assessment Document reference number

EAD 130118 – 00 – 0603 10-2016

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7. BWR 1

Mechanical strength and stability

Dimensions, identification

See Annex A (ETA-16/0617)

Charact. yield moment $M_{y,k}$

See Chapter 3.9 (ETA-16/0617)

Charact. withdrawal parameter $f_{ax,k}$

d = 8.0 mm: $f_{ax,k} = 12.0 \text{ N/mm}^2$
d = 10.0 mm: $f_{ax,k} = 11.0 \text{ N/mm}^2$
See Chapter 3.9 (ETA-16/0617)

Charact. head pull-through parameter $f_{head,k}$

See Chapter 3.9 (ETA-16/0617)

Charact. tensile capacity $f_{tens,k}$

See Chapter 3.1 (ETA-16/0617)

Charact. yield strength $f_{y,k}$

See Chapter 3.9 (ETA-16/0617)

Charact. fracture torque $f_{tor,k}$

See Chapter 3.1 (ETA-16/0617)

Screwing torque $R_{tor,k}$

See Chapter 3.1 (ETA-16/0617)

Connection spacings, edge distances, minimum timber thicknesses

See Chapter 3.11 and Annex B (ETA-16/0617)

Slip modulus K_{ser}

See Chapter 3.9 and Annex B (ETA-16/0617)

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BWR 2

Fire behaviour

Class A1/see Chapter 3.2 (ETA-16/0617)

BWR 3

Hygiene, health and environmental protection

No hazardous materials/see Chapter 3.3 (ETA-16/0617)

BWR 4

Safety of use

as BWR 1

BWR 5

Noise protection

Not applicable

BWR 6

Energy saving and heat protection

Not applicable

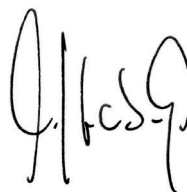
BWR 7

Sustainable use of natural resources

NPD (no performance detected)

The performance of the above product corresponds to the declared performance(s).
The aforementioned manufacturer bears sole responsibility for the preparation of the declaration of performance in accordance with Regulation (EU) No. 305/2011.

Signed for and on behalf of the manufacturer by:



Frank E. Haberstroh
(Name)

Managing Director
(Position)

(Signature)

Ennepetal, Germany, 27/04/2018
(Place/date)

This declaration of performance has been prepared on the basis of Annex III of REGULATION (EU) No. 305/2011 OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL of 9 March 2011 laying down harmonised conditions for the marketing of construction products and repealing Council Directive 89/106/EEC (Construction Products Regulation) and Commission Delegated Regulation (EU) No. 574/2014.



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Annex 1/1 

Product list

SPAX number	Ø	Length	EAN code
0491011002005	10.0	200	4003530252761
0491011002305	10.0	230	4003530252778
0491011002605	10.0	260	4003530252785
0491011002905	10.0	290	4003530252792
0491011003205	10.0	320	4003530252808
0491011003505	10.0	350	4003530252815
0538000801205	8.0	120	4003530241024