

Declaration of Performance RAMPA-07.2023/1
in accordance with Construction Products Regulation (CPR) No. 305/2011/EU

1. Product type: Threaded inserts with external wood thread and metric internal thread
In accordance with **ETA-12/0481**
2. Type, batch No.: RAMPA inserts type A, B, BL, BV, C, CV, SK, SK30, SK330, SKL + SKL330
Article no. / Batch no.: see label
3. Intended use: Fasteners to be used in timber structures
4. Manufacturer: RAMPA GmbH & Co. KG
Auf der Heide 8, 21514 Büchen, Germany
5. Authorized Representative: RAMPA GmbH & Co. KG
Auf der Heide 8, 21514 Büchen, Germany
6. System of assessment and verification of constancy of performance: **2+**
7. European Assessment document: EAD 130324-00-0603 dated January 2018
European Technical Assessment: **ETA-12/0481** of 2021/03/22
Technical Assessment Body: ETA-Danmark A/S
Notified Body: 1034

8. Declared performance of the construction product according to the harmonized technical specification:

<u>Essential characteristics</u>	<u>Type</u>	<u>Performance</u>	<u>Specification</u>
Tensile strength Char. Value $f_{tens,k}$	A, B, BL, BV	Min. D = 10 mm → 9,82 kN Max. D = 30 mm → 70,70 kN	ETA-12/0481
Tensile strength Char. Value $f_{tens,k}$	C + CV	Min. D = 8 mm → 3,46 kN Max. D = 16 mm → 13,80 kN	ETA-12/0481
Tensile strength Char. Value $f_{tens,k}$	SK30 + SK330	Min. D = 12 mm → 14,10 kN Max. D = 16 mm → 29,00 kN	ETA-12/0481
Tensile strength Char. Value $f_{tens,k}$	SK	Min. D = 8 mm → 8,25 kN Max. D = 22 mm → 68,20 kN	ETA-12/0481
Tensile strength Char. Value $f_{tens,k}$	SKL + SKL330	Min. D = 12 mm → 14,10 kN Max. D = 30 mm → 68,40 kN	ETA-12/0481
Reaction to fire		Material steel Euroclass A1	EN13501-1

Please notice:

For further consideration in terms of load calculations please respects further details of the ETA12/0481, Eurocode 1 and 5 as well as specific adaptations regarding the different wood materials. Furthermore you should pay attention to the minimum distances between the inserts and edge requirements according to Annex B of the ETA-12/0481.

The ETA-12/0481 is available online at www.RAMPA.com/kraftpakete_

The performance of the product in accordance with No. 1 and 2 corresponds to the declared performance according to No. 8. The manufacturer according to No. 4 is solely responsible for the preparation of this Declaration of Performance.

Signed for the manufacturer and on behalf of the manufacturer by:



Büchen, February 7th, 2023

Wolfgang Färber
Chief Executive Officer