Declaration of Performance
Nr. LE-011

1. Unique identification code of the product type

Plumbing screw (stainless steel A2)

Article number see Annex 1

2. Intended use

Fixing of panel sheets in indoor and outdoor areas

3. Manufacturer (corresponding Art. 11, pas. 5)

REISSER-Schraubentechnik GmbH
Fritz-Müller-Str. 10
74653 Ingelfingen-Criesbach
Deutschland

4. Not relevant

5. System of assessment and verification of constancy of performance of the construction product as set out in Annex 2 (in accordance with 97/176/EC)

System 3

6a Notified body

Strojírenský zkušební ústav, s.p.
Hudcova 424/56b
CZ 621 00 Brno
Notified Body No. 1015

Harmonized norm

EN 14592:2008+A1:2012

Test Report

No. 30-14945/4

7. BWR1 Mechanical resistance and stability

Characteristic yield moment $M_{y,k}$ [Nm]	
Thread major diameter 4,5 mm; $M_{y,k}$ 15° =	**3,7 Nm**
Bending angle ($45/d^{0,7}+10$)	
Thread major diameter 4,5 mm >	**$45/d^{0,7}+10$**
Characteristic withdrawal parameter $f_{ax,k}$ [N/mm²]	
90° to the grain: Thread major diameter 4,5 mm =	**16,5 N/mm²**
0° to the grain: Thread major diameter 4,5 mm =	**12,3 N/mm²**
Characteristic head pull-through parameter $f_{head,k}$	
Thread major diameter 4,5 mm =	**23,8 N/mm²**
Characteristic tensile strength $f_{tens,k}$ [kN]	
Thread major diameter 4,5 mm =	**5,7 kN**

Declaration of Performance
Nr. LE-011

Characteristic torsional resistance into timber $R_{tor,k}$ [N/mm²]

Thread major diameter 4,5 mm = 2,2 Nm

BWR 2

Reaction to fire

Class A1, acc. EN 13501-1:2007+A1:2009

BWR 3 - 7

NPD

The performance of the in Annex 1 named products is in conformity with the declared performance and complied with the regulation (EU) Nr. 305/2011

Signed for and on behalf of the manufacturer by:

Criesbach, January 26, 2021
Place/Date

Alexander Kimmerle	CEO	
Name	Position	Signature

Manfred Heber	Product Management	
Name	Position	Signature

This Declaration of Performance is issued in accordance with Annex III of the Regulation (EU) No. 305/2011 of the European Parliament and of the Council of 9 March 2011 laying down harmonised conditions for the marketing and of construction products and repealing Council Directive 89/106/EEC.

Declaration of Performance
Nr. LE-011

Annex 1

Type, batch or serial number allowing identification of the construction product

Plumbing screw (stainless steel A2)

article number	diameter	length
000120V _ _ _ - 045020 _ _-_ _	4,5 mm	20 mm
000120V _ _ _ - 045025 _ _-_ _	4,5 mm	25 mm
000120V _ _ _ - 045030 _ _-_ _	4,5 mm	30 mm
000120V _ _ _ - 045035 _ _-_ _	4,5 mm	35 mm
000120V _ _ _ - 045045 _ _-_ _	4,5 mm	45 mm
000120V _ _ _ - 045055 _ _-_ _	4,5 mm	55 mm
000120V _ _ _ - 045060 _ _-_ _	4,5 mm	60 mm
000120V _ _ _ - 045065 _ _-_ _	4,5 mm	65 mm
000120V _ _ _ - 045070 _ _-_ _	4,5 mm	70 mm
000120V _ _ _ - 045080 _ _-_ _	4,5 mm	80 mm
000120V _ _ _ - 045100 _ _-_ _	4,5 mm	100 mm
000120V _ _ _ - 045120 _ _-_ _	4,5 mm	120 mm
000120V _ _ _ - 045140 _ _-_ _	4,5 mm	140 mm
000120V _ _ _ - 045160 _ _-_ _	4,5 mm	160 mm
000121V _ _ _ - 045020 _ _-_ _	4,5 mm	20 mm
000121V _ _ _ - 045025 _ _-_ _	4,5 mm	25 mm
000121V _ _ _ - 045030 _ _-_ _	4,5 mm	30 mm
000121V _ _ _ - 045035 _ _-_ _	4,5 mm	35 mm
000121V _ _ _ - 045045 _ _-_ _	4,5 mm	45 mm
000121V _ _ _ - 045055 _ _-_ _	4,5 mm	55 mm
000121V _ _ _ - 045060 _ _-_ _	4,5 mm	60 mm
000121V _ _ _ - 045065 _ _-_ _	4,5 mm	65 mm
000121V _ _ _ - 045070 _ _-_ _	4,5 mm	70 mm
000121V _ _ _ - 045080 _ _-_ _	4,5 mm	80 mm
000121V _ _ _ - 045100 _ _-_ _	4,5 mm	100 mm
000121V _ _ _ - 045120 _ _-_ _	4,5 mm	120 mm
000121V _ _ _ - 045140 _ _-_ _	4,5 mm	140 mm
000121V _ _ _ - 045160 _ _-_ _	4,5 mm	160 mm
Q00120V _ _ _ - 045020 _ _-_ _	4,5 mm	20 mm
Q00120V _ _ _ - 045025 _ _-_ _	4,5 mm	25 mm
Q00120V _ _ _ - 045030 _ _-_ _	4,5 mm	30 mm
Q00120V _ _ _ - 045035 _ _-_ _	4,5 mm	35 mm
Q00120V _ _ _ - 045045 _ _-_ _	4,5 mm	45 mm
Q00120V _ _ _ - 045055 _ _-_ _	4,5 mm	55 mm
Q00120V _ _ _ - 045060 _ _-_ _	4,5 mm	60 mm
Q00120V _ _ _ - 045065 _ _-_ _	4,5 mm	65 mm
Q00120V _ _ _ - 045070 _ _-_ _	4,5 mm	70 mm
Q00120V _ _ _ - 045080 _ _-_ _	4,5 mm	80 mm
Q00120V _ _ _ - 045100 _ _-_ _	4,5 mm	100 mm
Q00120V _ _ _ - 045120 _ _-_ _	4,5 mm	120 mm
Q00120V _ _ _ - 045140 _ _-_ _	4,5 mm	140 mm
Q00120V _ _ _ - 045150 _ _-_ _	4,5 mm	150 mm