



DECLARATION OF PERFORMANCE

No: 545-TPC-C1-C2-151111

1.

Unique identification code of the product-type:

Tooth plate connector, EN 912 Type C1 (double-sided), EN 912 Type C2 (single-sided)

2.

Article number:

451802, 451804, 451806, 451808, 451810, 451812

3.

Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:

Wood connectors made of steel for use in load bearing timber structures, in accordance with EN 14545.

4.

Name and contact address of the manufacturer as required pursuant to Article 11(5):

ESSVE Produkter AB
Box 7091
SE 164 07 Kista
Sweden
info@essve.se

5.

Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2):

N.A.

6.

System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:

2+





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7.

In case of the declaration of performance concerning a construction product covered by a harmonised standard:

0769
performed: FPC
under system:2+
and issued:Certificate

8.

In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued:

N.A
issued:
in the basis of:
performed: under system:
and issued:

9.

Declared performance:

Essential characteristics	Performance	Harmonised technical specification
Characteristic load-bearing capacity $R_{c,k}$ [kN] for diameter $d_c = 50$ mm	6.4	EN 14545:2008
Characteristic load-bearing capacity $R_{c,k}$ [kN] for diameter $d_c = 62$ mm	8.8	EN 14545:2008
Characteristic load-bearing capacity $R_{c,k}$ [kN] for diameter $d_c = 75$ mm	11.7	EN 14545:2008
Shearing modulus K_{ser} [N/mm] for diameter $d_c = 50$ mm	5250	EN 14545:2008
Shearing modulus K_{ser} [N/mm] for diameter $d_c = 62$ mm	6510	EN 14545:2008
Shearing modulus K_{ser} [N/mm] for diameter $d_c = 75$ mm	7875	EN 14545:2008
Durability (i.e. corrosion protection)	Z275, Service class 2 acc. to EN 1995-1-1	EN 14545:2008





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10.

The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9.

This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:

Viktor Bukowski, Product Developer/Technical expert – Fasteners

(name and function

Kista 2017-09-04

(place and date of issue)

(signature)

