

Declaration of Performance Number P 1210/13-630-1-ART10

According to Regulation EU No 305/2011

ART10

Manufacturer: Tecfi S.p.A. - S.S. Appia, km 193 - 81050 Pastorano (CE), Italia

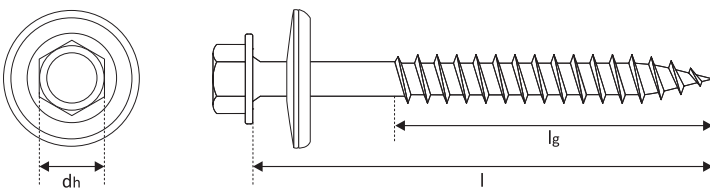


1 - Intended use

| | |
|-----------------------------|---|
| Product-type: | Fastener |
| Fastener type: | Timber structures - Dowel-type fasteners– Screws |
| Reference standard: | EN 14592:2008+A1:2012 |
| Material: | A2 stainless steel |
| Durability: | A2 stainless steel |
| Fire reaction: | A1 according to EN13501-1 |
| Fire resistance: | No Performance Declared (NPD) |
| Notified test laboratory: | Zavod ZA Gradbenist Vo Slovenije, Dimiceva 12, 1000 Ljubliana, Slovenia |
| Initial Type Testing (ITT): | P 1210/13-630-1 |
| AVCP System: | 3 |

2 - Details

| Item | Description | Finishing |
|--------|---|--------------------|
| ART 10 | A2 S/S HWH screw for wood with Ø16 mm A2/EPDM bonded washer | A2 stainless steel |



| | |
|---------------------------|--|
| d | Nominal diameter |
| d₁ | Inner thread diameter |
| l | Overall fastener length |
| l_g | Length of threading |
| d_h | Head diameter |
| M_{y,k} | Characteristic yield moment |
| f_{ax,k} | Characteristic withdrawal parameter |
| f_{head,k} | Characteristic head pull-through parameter |
| ρ_a | Associated wood density |
| f_{tens,k} | Characteristic tensile capacity |
| f_{tor,k} | Characteristic torsional strength |
| R_{tor,k} | Characteristic torsional resistance to insertion into the timber |

3 - Declared performance according to EN 14592:2008+A1:2012

| Item | d [mm] | d ₁ [mm] | l [mm] | l _g [mm] | d _h [mm] | M _{y,k} [Nm] | f _{ax,k} [N/mm ²] | f _{head,k} [N/mm ²] | f _{tens,k} [kN] | R _{tor,k} [Nm] | f _{tor,k} [Nm] |
|--------------|--------|---------------------|--------|---------------------|---------------------|-----------------------|--|--|--------------------------|-------------------------|-------------------------|
| ART 10 59 88 | 6,38 | 4,00 | 45 | 36 | 12,50 | 8,48 | 23,82 (ρ _a =427 kg/m ³) | 36,76 (ρ _a =484,4 kg/m ³) | 10,19 | 4,21 | 6,92 |

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4 - Label



- | | |
|---------------------------------|---|
| 1 Item Code | 8 Last two digits of the year in which the marking was first affixed |
| 2 Descriptions | 9 European Technical Specification |
| 3 Picture | 10 Intended use of the product as laid down in the European standard applied, level of performance declared |
| 4 (Commercial) Nominal Diameter | 11 DoP Number |
| 5 Overall fastener length | 12 Link to DoP |
| 6 Length of threading | 13 Lot Number |
| 7 Notified test laboratory | 14 Number of Pieces per Box |
| | 15 Driving tool type and number |

The performance of the product identified by the above identification code is in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of Tecfi S.p.A.

Signed for and on behalf of the manufacturer by:

| Name and function | Place and date of issue | Signature |
|------------------------------|----------------------------|-----------|
| President Antonio Guarino | Pastorano, 1th August 2023 | |