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| GB | Declaration of Performance | DoP – No. | 01-01-01-04-S-20-122-L |
|----|----------------------------|-----------|------------------------|

1. **Unique identification code of the product-type:** 4056233577518
4056233577525
4056233577532
4056233577549
4056233577556
2. **Intended Use:** For structural timber products
3. **Manufacturer:** suki.international GmbH, Suki-Straße 1, 54526 Landscheid, Germany
4. **Authorised representative:** N/A
5. **System of Assessment:** System 3
6. **Harmonized Standard and Notified Body:**
EN 14592:2008+A1:2012, System 3; Type testing (ITT) made by Notified Body:
HFB Engineering GmbH, Zschortauer Straße 42, 04129 Leipzig, Identification Number 1034
7. **European Technical assessment and Assessment Body:** N/A
8. **Declared Performance:**

| Essential characteristics | Unit | Performance | | | | Harmonized technical Specification |
|---|--|--|-------------------|-------------------|-------------------|------------------------------------|
| Product type | | 4056233 577518 | 4056233 577525 | 4056233 577532 | 4056233 577556 | |
| Characteristic Yield Moment $M_{y,k}$ | Nmm | 2100 | 2100 | 4700 | 4000 | EN 14592:2008+A1:2012 |
| Characteristic Tensile Capacity $f_{tens,k}$ | kN | 4,6 | 4,6 | 7,5 | 6,5 | EN 14592:2008+A1:2012 |
| Characteristic Withdrawal Parameter $f_{ax,k}$ Characteristic wood density ρ_k | N/mm ² Kg/m ³ | 13,4 397 | 13,4 397 | 16,0 397 | 13,1 463 | EN 14592:2008+A1:2012 |
| Characteristic Head Pull Through Parameter $f_{head,k}$ Characteristic wood density ρ_k | N/mm ² Kg/m ³ | 13,9 407 | 13,9 407 | 12,2 407 | 15,5 570 | EN 14592:2008+A1:2012 |
| Characteristic torsion ratio | | >1,5 | >1,5 | >1,5 | >1,5 | EN 14592:2008+A1:2012 |
| Durability | | Service Class 1 according to EN 1995-1-1, Galvanic zinc coating according to ISO 2081 = Fe/Zn3/C | | | | EN 14592:2008+A1:2012 |

| Essential characteristics | Unit | Performance | | | | Harmonized technical Specification |
|---|--|--|-------------|-------------|-------------|------------------------------------|
| Product type | | 4056233577549 | | | | |
| for diameter | | 3,5 | 4,0 | 4,5 | 5,0 | |
| Characteristic Yield Moment $M_{y,k}$ | Nmm | 1300 | 2100 | 2300 | 3500 | EN 14592:2008+A1:2012 |
| Characteristic Tensile Capacity $f_{tens,k}$ | kN | 3,2 | 4,6 | 5,0 | 6,4 | EN 14592:2008+A1:2012 |
| Characteristic Withdrawal Parameter $f_{ax,k}$ Characteristic wood density ρ_k | N/mm ² Kg/m ³ | 9,6 463 | 13,4 397 | 11,7 471 | 8,9 471 | EN 14592:2008+A1:2012 |
| Characteristic Head Pull Through Parameter $f_{head,k}$ Characteristic wood density ρ_k | N/mm ² Kg/m ³ | 15,5 535 | 13,9 407 | 12,3 556 | 11,8 529 | EN 14592:2008+A1:2012 |
| Characteristic torsion ratio | | >1,5 | >1,5 | >1,5 | >1,5 | EN 14592:2008+A1:2012 |
| Durability | | Service Class 1 according to EN 1995-1-1, Galvanic zinc coating according to ISO 2081 = Fe/Zn3/C | | | | EN 14592:2008+A1:2012 |

9. The performance of the product identified above is in conformity with the set of declared performance/s. This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:
Ralf Yilmaz
Quality Assurance

Landscheid, 09.10.2020


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