

Declaration of Performance

CE-DoP-h07/0001-02

1. **Unique Identification code:** ETFSS
2. **Intended use/es:** Asymmetrical Tension Strap For Connecting Timber Frame Walls to Masonry Walls
3. **Manufacturer:** Simpson Strong-Tie Europe EURL, ZAC des 4 Chemins, 85400 Sainte Gemme la Plaine, France
For local branch addresses, refer to www.strongtie.eu
4. **Authorised Representative:** N/A
5. **System/s of AVCP:** 3
6. **Designated Standard:**

| EN Number | Notified Body Number |
|---------------|----------------------|
| EN 845-1:2016 | 1020 |

7. **Declared Performance/s:**

| Essential Characteristics | Performance | | | | Technical Specification |
|--|---|--------|-------------|--------|-----------------------------------|
| RANGE | | | | | |
| Product Family | ETFSS | | ETFSS06 | | |
| | Cavity [mm] | | Cavity [mm] | | |
| | 50 | 51–100 | 50 | 51–100 | |
| MECHANICAL STRENGTH & STIFFNESS | | | | | |
| Tensile Strength | 6300 N | 3200 N | 5400 N | 2900 N | EN 845-1 clause 5.3.7.1; EN 846-4 |
| Displacement Under Load ^[c] | 1.58 mm | 1.99 | 1.78 mm | 1.77 | EN 845-1 clause 5.3.7.2 |
| Failure Mode | Masonry Connection: 10mm DISPLACEMENT | | | | EN 845-1 clause 5.3.4 |
| Minimum Mortar Embedment Depth | 75 mm | | | | EN 845-1 clause 5.3.4 |
| Minimum Mortar Joint Thickness | 10 mm | | | | EN 845-1 clause 5.3.4 |
| Minimum Mortar Class | Type 2 | | | | |
| DURABILITY | | | | | |
| Material | Austenitic Stainless Steel Grades: 1.4301 | | | | EN 10088-3 |
| Corrosion Protection | Material/Coating Reference: 03 | | | | EN 845-1 Table A.1 |
| Dangerous Substances | None | | | | |

- a) Performance of structural behavior and structural design calculation requirements can be found at: N/A
- b) NPD = No Performance Determined
- c) Displacement at $\frac{1}{3}$ of the Declared Strength

8. **Appropriate Technical Documentation and/or Specific Technical Documentation:** N/A

The performance of the product/s 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:

Lars Dahl
Director, EU Operations
(Sainte Gemme La Plaine, Fr 10/05/2024)

