



## Declaration of Performance



03.4.2025

**Document No.:** 16263-04221-001  
**Item No.:** 502016263  
**Description:** CHIPBOARD SCREW PROF A2 T20 4X40 200 FULL THREAD  
**Diameter:** 4  
**Length:** 40  
**Type of recess:** Torx  
**Thread:** Full  
**Head:** Double flat head  
**Point:** without cutting  
**Intended use:** Structural timber products  
**Material:** Stainless steel A2-70  
**Assessment system:** System 3+  
**Report No.:** 1015-CPR-30-14596/JZ  
**Certificate No.:** CPR-J-02735-19  
**Notified body / test laboratory:** Strojírenský zkušební ústav s.p. N.B. 1015

### Declaration of Performance of construction product

| Essential characteristics                  | Performance                           |       | Density of wood (kg/m3) | Harmonized technical specification |
|--------------------------------------------|---------------------------------------|-------|-------------------------|------------------------------------|
| Nominal diameter (mm)                      | 3.75-4.00                             |       |                         | EN 14592:2008+A1:2012              |
| Inner thread diameter (mm)                 | 2.30-2.50                             |       |                         | EN 14592:2008+A1:2012              |
| Head diameter (mm)                         | 7.64-8.00                             |       |                         | EN 14592:2008+A1:2012              |
| Total length (mm)                          | 38.75-40.00                           |       |                         | EN 14592:2008+A1:2012              |
| Thread length (mm)                         | FULL THREAD                           |       |                         | EN 14592:2008+A1:2012              |
| Yield moment (Nmm)<br>(I <sub>2</sub> =1d) | I <sub>2</sub> = 1d                   | 2181  |                         | EN 14592:2008+A1:2012              |
| Tensile capacity (kN)                      | 4,04                                  |       |                         | EN 14592:2008+A1:2012              |
| Head pull-through parameter (N/mm2)        | 25,88                                 |       | 350                     | EN 14592:2008+A1:2012              |
| Withdrawal parameter (N/mm2)               | Perpendicular to the grain            | 16,84 | 350                     | EN 14592:2008+A1:2012              |
|                                            | Parallel to the grain                 | 11,98 | 350                     | EN 14592:2008+A1:2012              |
| Torsional ratio (Nm)                       | 2,01                                  |       | 350                     | EN 14592:2008+A1:2012              |
| Durability                                 | Stainless Steel A2-70 Service Class 3 |       |                         | EN 1995-1-1                        |

#### The manufacturer declares for:

The product is in accordance with EN 14592:2008+A1:2012, Timber structures-Dowel-type fasteners-Requirements.

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