We hereby declare these designated products have performed initial type testing under system 3, Annex V of the regulation (EU) no. 305/2011 (Construction Products Regulation), with the reference to the harmonised European standard (hEN) BS EN 14592:2008+A1:2012 (Timber structures - Dowel type fasteners - Requirements) for screws intended for the use in "load bearing timber structures" and produced the calculation/test reports as attached;

The initial type testing has been carried out by independent notified body; Strojirensky Zkusebni Ustav, NB # 1015, Hudcova 424/56B, 621 00 Brno-Medlánky, Czechia

Certificate Number: CPR-J-01245-21 to CPR-J-01249-21
Test Report Number: 30-15550/1/JZ to 30-15550/5/JZ

Factory Process Control (FPC) has been established by the factory and independently audited by TUV Rheinland UK in accordance with ISO9001.

This declaration of conformity is valid until there is a significant change in the product and declared characteristics. ie. raw material or change in production process.

This declaration is the responsibility of the importer; T.I.Midwood & Co. Ltd.
Declaration of Performance

C2 Clamp-Fix Premium Screws
Double Countersunk Head - Ø4.0mm

Material & Geometry

<table>
<thead>
<tr>
<th>Material</th>
<th>Carbon Steel (C1022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw diameter (mm)</td>
<td>4.0</td>
</tr>
<tr>
<td>Head diameter (mm)</td>
<td>7.57</td>
</tr>
<tr>
<td>Inner thread diameter (mm)</td>
<td>2.42</td>
</tr>
</tbody>
</table>

Mechanical Strength & Stiffness

Characteristic yield moment \( M_y,k \) at 17\(^\circ\) [Nmm] (thread section) in acc. to EN 409 2647

Characteristic withdrawal parameter (loading across the fibre) \( f_{\text{wax},k} \) [N/mm\(^2\)] in acc. to EN 1382 with density of wood \( \rho_k = 350\text{kg/m}^3 \) 16.70

Characteristic withdrawal parameter (loading along the fibre) \( f_{\text{wax},k} \) [N/mm\(^2\)] in acc. to EN 1382 with density of wood \( \rho_k = 350\text{kg/m}^3 \) 13.16

Characteristic head pull-through parameter \( f_{\text{htp},k} \) [N/mm\(^2\)] in acc. to EN 1383 with density of wood \( \rho_k = 350\text{kg/m}^3 \) 26.59

Characteristic tensile capacity \( f_{\text{tens},k} \) [kN] in acc. to EN 1383 5.40

Characteristic torsional ratio in acc. to EN 15737 with density of wood \( \rho_k = 450\text{kg/m}^3 \) 5.06

Durability

Coating (Finish)  Zinc or Yellow coating
Corrosion protection  Service Class 1 acc. to EN 1995-1-1
Declaration of Performance

C2 Clamp-Fix Premium Screws
Double Countersunk Head - Ø4.5mm

Material & Geometry

<table>
<thead>
<tr>
<th>Material</th>
<th>Carbon Steel (C1022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw diameter (mm)</td>
<td>4.5</td>
</tr>
<tr>
<td>Head diameter (mm)</td>
<td>8.79</td>
</tr>
<tr>
<td>Inner thread diameter (mm)</td>
<td>2.82</td>
</tr>
</tbody>
</table>

Mechanical Strength & Stiffness

Characteristic yield moment $M_y,k$ at 15º [Nmm] (thread section) in acc. to EN 409

Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350$kg/m³

Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k}$ [N/mm²] in acc. to EN 1382 with density of wood $\rho_k = 350$kg/m³

Characteristic head pull-through parameter $f_{hb,k}$ [N/mm²] in acc. to EN 1383 with density of wood $\rho_k = 350$kg/m³

Characteristic tensile capacity $f_{tens,k}$ [kN] in acc. to EN 1383

Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 450$kg/m³

Durability

Coating (Finish) | Zinc or Yellow coating
Corrosion protection | Service Class 1 acc. to EN 1995-1-1
Declaration of Performance

C2 Clamp-Fix Premium Screws
Double Countersunk Head - Ø5.0mm

Material & Geometry

<table>
<thead>
<tr>
<th>Material</th>
<th>Carbon Steel (C1022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw diameter (mm)</td>
<td>5.0</td>
</tr>
<tr>
<td>Head diameter (mm)</td>
<td>9.69</td>
</tr>
<tr>
<td>Inner thread diameter (mm)</td>
<td>3.08</td>
</tr>
</tbody>
</table>

Mechanical Strength & Stiffness

Characteristic yield moment $M_{y,k}$ at 14° [Nmm] (thread section) in acc. to EN 409 7619

Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k} [N/mm^2]$ in acc. to EN 1382 with density of wood $\rho_k = 350kg/m^3$ 15.56

Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k} [N/mm^2]$ in acc. to EN 1382 with density of wood $\rho_k = 350kg/m^3$ 13.99

Characteristic head pull-through parameter $f_{pth,k} [N/mm^2]$ in acc. to EN 1383 with density of wood $\rho_k = 350kg/m^3$ 24.51

Characteristic tensile capacity $f_{tens,k} [kN]$ in acc. to EN 1383 9.05

Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 450kg/m^3$ 4.24

Durability

Coating (Finish) Zinc or Yellow coating
Corrosion protection Service Class 1 acc. to EN 1995-1-1
Declaration of Performance

C2 Clamp-Fix Premium Screws
Double Countersunk Head - Ø6.0mm

Material & Geometry

<table>
<thead>
<tr>
<th>Material</th>
<th>Carbon Steel (C1022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw diameter (mm)</td>
<td>6.0</td>
</tr>
<tr>
<td>Head diameter (mm)</td>
<td>11.71</td>
</tr>
<tr>
<td>Inner thread diameter (mm)</td>
<td>3.78</td>
</tr>
</tbody>
</table>

Mechanical Strength & Stiffness

Characteristic yield moment $M_{yk}$ at 12° [Nmm] (thread section) in acc. to EN 409 11762

Characteristic withdrawal parameter (loading across the fibre) $f_{ax,k} [N/mm^2]$ in acc. to EN 1382 with density of wood $\rho_k = 350$kg/m$^3$ 15.25

Characteristic withdrawal parameter (loading along the fibre) $f_{ax,k} [N/mm^2]$ in acc. to EN 1382 with density of wood $\rho_k = 350$kg/m$^3$ 13.31

Characteristic head pull-through parameter $f_{h,k} [N/mm^2]$ in acc. to EN 1383 with density of wood $\rho_k = 350$kg/m$^3$ 23.89

Characteristic tensile capacity $f_{tens,k} [kN]$ in acc. to EN 1383 13.70

Characteristic torsional ratio in acc. to EN 15737 with density of wood $\rho_k = 450$kg/m$^3$ 3.47

Durability

Coating (Finish) Zinc or Yellow coating
Corrosion protection Service Class 1 acc. to EN 1995-1-1
C2 Clamp-Fix Premium Screws
Double Countersunk Head - Ø8.0mm

Material & Geometry

<table>
<thead>
<tr>
<th>Material</th>
<th>Carbon Steel (C1022)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Screw diameter (mm)</td>
<td>8.0</td>
</tr>
<tr>
<td>Head diameter (mm)</td>
<td>14.39</td>
</tr>
<tr>
<td>Inner thread diameter (mm)</td>
<td>5.20</td>
</tr>
</tbody>
</table>

Mechanical Strength & Stiffness

Characteristic yield moment $M_{yk}$ at 10º [Nmm] (thread section) in acc. to EN 409
- 26345

Characteristic yield moment $M_{yk}$ at 10º [Nmm] (smooth section) in acc. to EN 409
- 38671

Characteristic withdrawal parameter (loading across the fibre) $f_{wix,k} [N/mm^2]$ in acc. to EN 1382
- 14.40

Characteristic withdrawal parameter (loading along the fibre) $f_{wix,k} [N/mm^2]$ in acc. to EN 1382
- 12.39

Characteristic head pull-through parameter $f_{wix,h,k} [N/mm^2]$ in acc. to EN 1383
- 22.29

Characteristic tensile capacity $f_{tens,k} [kN]$ in acc. to EN 1383
- 19.77

Characteristic torsional ratio in acc. to EN 15737
- 3.65

Durability

Coating (Finish)           Zinc or Yellow coating
Corrosion protection       Service Class 1 acc. to EN 1995-1-1