

Product: Chipboard Screw

Applications: Chipboard screw for board and wood constructions.

Manufacturer: Västsvensk Byggskruv AB
 Vävlagargatan 5
 507 30 Brämhult Sweden
 Tel: +4633230303
 Fax: +4633230823

SP Technical Research Institute of Sweden has as notified body no 0402 performed initial type-testing of the products mentioned below, according to the harmonized standard EN14592:2008+A1:2012 Timberstructures - Dowel-type fasteners. System of assessment and continuous monitoring of performance: System 3

Product and description

| Screw no | Description |
|----------|------------------------------|
| 1 | Chipboard Screw FZB |
| 2 | Chipboard Screw Turbo FZB |
| 3 | Chipboard Screw FZB collated |

Result:

| Characteristic according to EN14592:2008+A1:2012, tabell ZA.3 | Declared value, class or other | | | Report |
|---|---|----------------------------------|-------------|---------------------------|
| | Screw no: | | | |
| | 1 | 2 | 3 | |
| | 3,9/4,2mm | 4,2/4,8mm | 4,2mm | |
| Characteristic yield moment ($M_{y,k}$), Nmm | 3410/ 4260 | 4260/ 5720 | 4260* | SP 4P05324, 2014-12-02 |
| Characteristic withdrawal parameter ($f_{ax,k}$), N/mm ² <i>In timber equivalent to class C24</i> | 11,9/ 16,7 | 11,6/ 16,0 | 16,7* | SP 4P05324, 2014-12-02 |
| Characteristic head pull-through parameter ($f_{head,k}$), N/mm ² <i>In timber equivalent to class C24</i> | 30,0/ 32,8 | 32,8*/ 31,7 | 40,4 | SP 4P05324, 2014-12-02 |
| Characteristic tensile capacity ($f_{tens,k}$), N/mm ² | 372/ 476 | 476*/ 472 | 477 | SP 4P05324, 2014-12-02 |
| Characteristic torsional ratio (Ratio between characteristic torsional strength and characteristic torsional resistance) (Ration $f_{tor,k}/R_{tor,k}$) <i>In timber equivalent to class C24</i> | 3,9x41: 3,4 4,2x75: 2,5 | 4,2x57: 3,0 4,8x75: 3,1 | 4,2x55: 2,5 | SP 4P05324, 2014-12-02 |
| Corrosion protection | Climate class 1 (according to EN1995-1-1) Zinkplated 5 my | | | |

*Not tested, value from product with the same dimensions, more information in the testreport.

Lars Helgesson
 Quality manager

Brämhult 2015-02-03

Specifications Chipboard Screw

| Article number | Name | Head-diameter | Thread-length | Inner-diameter thread |
|----------------|-------------------------------------|---------------|---------------|-----------------------|
| AT8130 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,60 |
| AT81419 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,60 |
| AT81579 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 35,00 | 2,60 |
| T8030 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,60 |
| T8041 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,60 |
| T8051 | TURBO CHIPBOARD SCREW 4,2x51 FZB | 6,60 | 28,00 | 2,60 |
| T8057 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 35,00 | 2,60 |
| T8075 | TURBO CHIPBOARD SCREW 4,8x75 FZB | 7,60 | 45,00 | 2,90 |
| T8130 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,60 |
| T81419 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,60 |
| T8151 | TURBO CHIPBOARD SCREW 4,2x51 FZB | 6,60 | 28,00 | 2,60 |
| T8157 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 35,00 | 2,60 |
| T8175 | TURBO CHIPBOARD SCREW 4,8x75 FZB | 7,60 | 45,00 | 2,90 |
| T8930 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,60 |
| T8941 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,60 |
| T8951 | TURBO CHIPBOARD SCREW 4,2x51 FZB | 6,60 | 28,00 | 2,60 |
| T8957 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 35,00 | 2,60 |
| T8975 | TURBO CHIPBOARD SCREW 4,8x75 FZB | 7,60 | 45,00 | 2,90 |
| AT9130 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,50 |
| AT9141 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,50 |
| AT9157 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,50 |
| T9030 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,50 |
| T9041 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,50 |
| T9057 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,50 |
| T9075 | TURBO CHIPBOARD SCREW 4,8x75 FZB | 7,60 | 44,00 | 2,90 |
| T9130 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,50 |
| T9141 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,50 |
| T9157 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,50 |
| T9175 | TURBO CHIPBOARD SCREW 4,8x75 FZB | 7,60 | 44,00 | 2,90 |
| T9930 | TURBO CHIPBOARD SCREW 4,2x30 FZB | 6,60 | 18,00 | 2,50 |
| T9941 | TURBO CHIPBOARD SCREW 4,2x41 FZB | 6,60 | 21,00 | 2,50 |
| T9957 | TURBO CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,50 |
| T9975 | TURBO CHIPBOARD SCREW 4,8x75 FZB | 7,60 | 44,00 | 2,90 |
| 8030 | CHIPBOARD SCREW 3,9x30 FZB | 6,60 | 18,00 | 2,30 |
| 8041 | CHIPBOARD SCREW 3,9x41 FZB | 6,60 | 20,00 | 2,30 |
| 8051 | CHIPBOARD SCREW 4,2x51 FZB | 6,60 | 28,00 | 2,40 |
| 8057 | CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,40 |
| 8075 | CHIPBOARD SCREW 4,2x75 FZB | 6,60 | 44,00 | 2,40 |
| 8130 | CHIPBOARD SCREW 3,9x30 FZB | 6,60 | 18,00 | 2,30 |
| 81419 | CHIPBOARD SCREW 3,9x41 FZB | 6,60 | 20,00 | 2,30 |
| 8151 | CHIPBOARD SCREW 4,2x51 FZB | 6,60 | 28,00 | 2,40 |
| 8157 | CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,40 |
| 8175 | CHIPBOARD SCREW 4,2x75 FZB | 6,60 | 44,00 | 2,40 |
| 8930 | CHIPBOARD SCREW 3,9x30 FZB | 6,60 | 18,00 | 2,30 |
| 8941 | CHIPBOARD SCREW 3,9x41 FZB | 6,60 | 20,00 | 2,30 |
| 8951 | CHIPBOARD SCREW 4,2x51 FZB | 6,60 | 28,00 | 2,40 |
| 8957 | CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,40 |
| 8975 | CHIPBOARD SCREW 4,2x75 FZB | 6,60 | 44,00 | 2,40 |
| RB8030 | CHIPBOARD SCREW 4,2x30 FZB COLLATED | 7,00 | 21,00 | 2,50 |
| RB8041 | CHIPBOARD SCREW 4,2x41 FZB COLLATED | 7,00 | 21,00 | 2,50 |
| RB8051 | CHIPBOARD SCREW 4,2x51 FZB COLLATED | 7,00 | 29,00 | 2,50 |
| RB8055 | CHIPBOARD SCREW 4,2x55 FZB COLLATED | 7,00 | 33,00 | 2,50 |
| SB8130 | CHIPBOARD SCREW 3,9x30 FZB | 6,60 | 18,00 | 2,30 |

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|--------|----------------------------|------|-------|------|
| SB8141 | CHIPBOARD SCREW 3,9x41 FZB | 6,60 | 20,00 | 2,30 |
| SB8157 | CHIPBOARD SCREW 4,2x57 FZB | 6,60 | 34,00 | 2,40 |

All measures in mm