

# PERFORMANCE PLUS

## HIGH PERFORMANCE WOOD SCREW

- ⊕ Pozi, Reinforced Double Countersunk Head  
Reduces head breakage and assists countersinking
- ⊕ Self-Countersinking Ribs  
For improved Countersinking and a flush finish
- ⊕ Waxed Zinc and Yellow Passivated Finish  
Corrosion resistant and significantly reduces torque
- ⊕ Milling Thread  
Reduces torque, prevents splitting and clears the hole
- ⊕ Serrated Thread  
Cuts into wood reducing splitting and torque
- ⊕ Type 17 Cut Point  
Reduces splitting and the requirement for pre-drilling



# Product Range

| Size        | Product Code | Driver Bit Size | Box Qty | Case Qty | Tub Qty |
|-------------|--------------|-----------------|---------|----------|---------|
| 3.5 x 15mm  | PS3515PP     | PZ2             | 200     | 8,400    | N/A     |
| 3.5 x 20mm  | PS3520PP     | PZ2             | 200     | 8,400    | 1,400   |
| 3.5 x 25mm  | PS3525PP     | PZ2             | 200     | 8,400    | 1,300   |
| 3.5 x 30mm  | PS3530PP     | PZ2             | 200     | 4,800    | N/A     |
| 3.5 x 35mm  | PS3535PP     | PZ2             | 200     | 4,800    | N/A     |
| 3.5 x 40mm  | PS3540PP     | PZ2             | 200     | 4,800    | N/A     |
| 3.5 x 50mm  | PS3550PP     | PZ2             | 200     | 4,800    | N/A     |
| 4.0 x 16mm  | PS416PP      | PZ2             | 200     | 8,400    | N/A     |
| 4.0 x 20mm  | PS420PP      | PZ2             | 200     | 8,400    | N/A     |
| 4.0 x 25mm  | PS425PP      | PZ2             | 200     | 8,400    | N/A     |
| 4.0 x 30mm  | PS430PP      | PZ2             | 200     | 8,400    | N/A     |
| 4.0 x 35mm  | PS435PP      | PZ2             | 200     | 4,800    | N/A     |
| 4.0 x 40mm  | PS440PP      | PZ2             | 200     | 4,800    | 850     |
| 4.0 x 45mm  | PS445PP      | PZ2             | 200     | 4,800    | N/A     |
| 4.0 x 50mm  | PS450PP      | PZ2             | 200     | 4,800    | 640     |
| 4.0 x 60mm  | PS460PP      | PZ2             | 200     | 2,800    | N/A     |
| 4.0 x 70mm  | PS470PP      | PZ2             | 100     | 2,400    | 320     |
| 4.5 x 30mm  | PS4530PP     | PZ2             | 200     | 4,800    | N/A     |
| 4.5 x 40mm  | PS4540PP     | PZ2             | 200     | 4,800    | 600     |
| 4.5 x 50mm  | PS4550PP     | PZ2             | 200     | 2,800    | 500     |
| 4.5 x 60mm  | PS4560PP     | PZ2             | 100     | 1,400    | N/A     |
| 4.5 x 70mm  | PS4570PP     | PZ2             | 100     | 1,400    | N/A     |
| 4.5 x 80mm  | PS4580PP     | PZ2             | 100     | 1,400    | N/A     |
| 5.0 x 30mm  | PS530PP      | PZ2             | 200     | 2,800    | N/A     |
| 5.0 x 40mm  | PS540PP      | PZ2             | 200     | 2,800    | N/A     |
| 5.0 x 50mm  | PS550PP      | PZ2             | 200     | 2,800    | 450     |
| 5.0 x 60mm  | PS560PP      | PZ2             | 100     | 1,400    | 350     |
| 5.0 x 70mm  | PS570PP      | PZ2             | 100     | 1,400    | 300     |
| 5.0 x 80mm  | PS580PP      | PZ2             | 100     | 1,400    | 300     |
| 5.0 x 90mm  | PS590PP      | PZ2             | 100     | 1,400    | 240     |
| 5.0 x 100mm | PS5100PP     | PZ2             | 100     | 1,400    | 200     |
| 5.0 x 120mm | PS5120PP     | PZ2             | 100     | 1,200    | N/A     |
| 6.0 x 50mm  | PS650PP      | PZ3             | 100     | 1,400    | N/A     |
| 6.0 x 60mm  | PS660PP      | PZ3             | 100     | 1,400    | N/A     |
| 6.0 x 70mm  | PS670PP      | PZ3             | 100     | 1,200    | 180     |
| 6.0 x 80mm  | PS680PP      | PZ3             | 100     | 1,200    | 170     |
| 6.0 x 90mm  | PS690PP      | PZ3             | 100     | 1,200    | N/A     |
| 6.0 x 100mm | PS6100PP     | PZ3             | 100     | 1,200    | 150     |
| 6.0 x 130mm | PS6130PP     | PZ3             | 100     | 1,200    | N/A     |
| 6.0 x 150mm | PS6150PP     | PZ3             | 100     | 1,200    | N/A     |
| 6.0 x 180mm | PS6180PP     | PZ3             | 100     | 600      | N/A     |
| 6.0 x 200mm | PS6200PP     | PZ3             | 100     | 600      | N/A     |

# Declaration of Performance Data

| Size  | Characteristic yield moment (Nmm) | Characteristic withdrawal parameter (f <sub>ax</sub> ,k) | Characteristic head pull-through parameter (F <sub>head</sub> ,k) | Characteristic Tensile capacity (F <sub>tens</sub> ,k) | Characteristic Torsional Resistance (R <sub>tor</sub> ,k) |
|-------|-----------------------------------|----------------------------------------------------------|-------------------------------------------------------------------|--------------------------------------------------------|-----------------------------------------------------------|
| 3.5mm | 2.401                             | 15.91                                                    | 35.17                                                             | 5.05                                                   | 7.84                                                      |
| 4.0mm | 3.263                             | 17.98                                                    | 41.47                                                             | 5.87                                                   | 5.00                                                      |
| 4.5mm | 4.171                             | 16.25                                                    | 17.78                                                             | 7.76                                                   | 3.47                                                      |
| 5.0mm | 5.803                             | 16.82                                                    | 40.62                                                             | 9.50                                                   | 5.01                                                      |
| 6.0mm | 11.277                            | 16.73                                                    | 28.38                                                             | 14.99                                                  | 5.04                                                      |



## Declaration of Performance

### Samac - Performance Plus Screws

Have been subject to measurements of geometry and mechanical tests of timber screws in accordance with Provisions of the technical specification EN 14592:2008+A1:2012 (Timber structures- Dowel type fasteners- Requirements)

The results of geometric and mechanical characteristic testing conclude that the tested screws meet the initial type testing requirements defined in EN 14592:2008+A1:2012.

Notified test laboratory No. NB-CPRN404

-ZAVOD ZA GRODBENISHOV SLOVINJE, SLOVENIA

Manufacturing plant FPC certified to ISO9001:2008