



# Declaration of Performance 23

| 1. Unique identification code of the product-type:                                                                                                                                                                                    | Decking screw                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------|------------|------------|------------|----------|----|-----|-----|----------|----|----------|----|-----|-----|----------|------|-----|-----|------------|------------|------------|------------|----------|----|-----|-----|----------|----|----------|----|-----|-----|------------|------------|------------|------------|----------|----|-----|-----|----------|----|----------|----|----------|----|-----|-----|-----------|----|-----|-----|------------|------------|------------|------------|----------|----|-----|-----|----------|----|----------|----|-----|-----|
| 2. Type, batch or serial number or any other element allowing identification of the construction product as required to Article 11(4):<br><br>$l_g$ = Thread length<br><br>$d_h$ = Diameter of the head<br><br>$d_1$ = Minor diameter | <div>Decking screw Protect 4</div> <table><tr><th>d x l (mm)</th><th><math>l_g</math> (mm)</th><th><math>d_h</math> (mm)</th><th><math>d_1</math> (mm)</th></tr><tr><td>4,2 x 42</td><td>25</td><td rowspan="2">6,8</td><td rowspan="2">2,5</td></tr><tr><td>4,2 x 55</td><td>25</td></tr><tr><td>4,8 x 75</td><td>45</td><td>7,8</td><td>3,2</td></tr><tr><td>5,3 x 72</td><td>43,5</td><td>8,3</td><td>3,3</td></tr></table> <div>Decking screw C4</div> <table><tr><th>d x l (mm)</th><th><math>l_g</math> (mm)</th><th><math>d_h</math> (mm)</th><th><math>d_1</math> (mm)</th></tr><tr><td>4,2 x 42</td><td>25</td><td rowspan="2">6,8</td><td rowspan="2">2,5</td></tr><tr><td>4,2 x 55</td><td>25</td></tr><tr><td>4,8 x 75</td><td>45</td><td>7,8</td><td>3,2</td></tr></table> <div>Decking screw Stainless A2</div> <table><tr><th>d x l (mm)</th><th><math>l_g</math> (mm)</th><th><math>d_h</math> (mm)</th><th><math>d_1</math> (mm)</th></tr><tr><td>4,2 x 30</td><td>18</td><td rowspan="3">6,9</td><td rowspan="3">2,4</td></tr><tr><td>4,2 x 42</td><td>25</td></tr><tr><td>4,2 x 55</td><td>32</td></tr><tr><td>4,8 x 75</td><td>45</td><td>7,8</td><td>2,9</td></tr><tr><td>5,0 x 100</td><td>60</td><td>8,0</td><td>3,1</td></tr></table> <div>Decking screw Stainless A4</div> <table><tr><th>d x l (mm)</th><th><math>l_g</math> (mm)</th><th><math>d_h</math> (mm)</th><th><math>d_1</math> (mm)</th></tr><tr><td>4,2 x 42</td><td>25</td><td rowspan="2">6,9</td><td rowspan="2">2,4</td></tr><tr><td>4,2 x 55</td><td>32</td></tr><tr><td>4,8 x 75</td><td>45</td><td>7,8</td><td>2,9</td></tr></table> | d x l (mm) | $l_g$ (mm) | $d_h$ (mm) | $d_1$ (mm) | 4,2 x 42 | 25 | 6,8 | 2,5 | 4,2 x 55 | 25 | 4,8 x 75 | 45 | 7,8 | 3,2 | 5,3 x 72 | 43,5 | 8,3 | 3,3 | d x l (mm) | $l_g$ (mm) | $d_h$ (mm) | $d_1$ (mm) | 4,2 x 42 | 25 | 6,8 | 2,5 | 4,2 x 55 | 25 | 4,8 x 75 | 45 | 7,8 | 3,2 | d x l (mm) | $l_g$ (mm) | $d_h$ (mm) | $d_1$ (mm) | 4,2 x 30 | 18 | 6,9 | 2,4 | 4,2 x 42 | 25 | 4,2 x 55 | 32 | 4,8 x 75 | 45 | 7,8 | 2,9 | 5,0 x 100 | 60 | 8,0 | 3,1 | d x l (mm) | $l_g$ (mm) | $d_h$ (mm) | $d_1$ (mm) | 4,2 x 42 | 25 | 6,9 | 2,4 | 4,2 x 55 | 32 | 4,8 x 75 | 45 | 7,8 | 2,9 |
| d x l (mm)                                                                                                                                                                                                                            | $l_g$ (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $d_h$ (mm) | $d_1$ (mm) |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 42                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6,8        | 2,5        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 55                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,8 x 75                                                                                                                                                                                                                              | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7,8        | 3,2        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 5,3 x 72                                                                                                                                                                                                                              | 43,5                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 8,3        | 3,3        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| d x l (mm)                                                                                                                                                                                                                            | $l_g$ (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $d_h$ (mm) | $d_1$ (mm) |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 42                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6,8        | 2,5        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 55                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,8 x 75                                                                                                                                                                                                                              | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7,8        | 3,2        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| d x l (mm)                                                                                                                                                                                                                            | $l_g$ (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $d_h$ (mm) | $d_1$ (mm) |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 30                                                                                                                                                                                                                              | 18                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6,9        | 2,4        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 42                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 55                                                                                                                                                                                                                              | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,8 x 75                                                                                                                                                                                                                              | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7,8        | 2,9        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 5,0 x 100                                                                                                                                                                                                                             | 60                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 8,0        | 3,1        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| d x l (mm)                                                                                                                                                                                                                            | $l_g$ (mm)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | $d_h$ (mm) | $d_1$ (mm) |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 42                                                                                                                                                                                                                              | 25                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 6,9        | 2,4        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,2 x 55                                                                                                                                                                                                                              | 32                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4,8 x 75                                                                                                                                                                                                                              | 45                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 7,8        | 2,9        |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 3. Intended use or uses of the construction product, in accordance with the applicable harmonized technical specification, as foreseen by the manufacturer:                                                                           | Screw with a thread designed to join/merge wood construction.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |
| 4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):                                                                                                | Heco Nordiska AB<br>Nyhems Industriområde<br>335 73 Hillerstorp<br>+46 370-37 51 00<br>www.heco.se                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |            |            |            |            |          |    |     |     |          |    |          |    |     |     |          |      |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |          |    |     |     |           |    |     |     |            |            |            |            |          |    |     |     |          |    |          |    |     |     |

|                                                                                                                                           |                                                                                                                                                                                                                                          |
|-------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12(2): | Not relevant (see item 4)                                                                                                                                                                                                                |
| 6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:        | System 3                                                                                                                                                                                                                                 |
| 7. In case of the declaration of performance concerning a construction product covered by a harmonized standard:                          | Laboratory for Structures of Slovenian National Building and Civil Engineering Institute (ZAG Ljubljana) identification number 1404 has performed the initial type testing according to system 3 and has issued the type testing report. |
| 8. In case of the declaration of performance concerning a construction product for which a European Technical Assessment has been issued: | Not relevant (see item 7)                                                                                                                                                                                                                |

#### 9. Declared performance (Characteristic values)

##### Decking screw Protect 4

| Essential characteristics                                            | Dimension (mm) | Performance            | Harmonised technical specification |
|----------------------------------------------------------------------|----------------|------------------------|------------------------------------|
| Yield moment                                                         | 4.2            | 1850 Nmm               | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 3430 Nmm               |                                    |
|                                                                      | 5.3            | 4260 Nmm               |                                    |
| Withdrawal ( $\rho_k=450 \text{ kg/m}^3$ )                           | 4.2            | 16,7 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 16,4 N/mm <sup>2</sup> |                                    |
|                                                                      | 5.3            | 17,0 N/mm <sup>2</sup> |                                    |
| Head pull through ( $\rho_k=450 \text{ kg/m}^3$ )                    | 4.2            | 16,7 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 13,5 N/mm <sup>2</sup> |                                    |
|                                                                      | 5.3            | 38,1 N/mm <sup>2</sup> |                                    |
| Tensile capacity ( $f_{\text{tens}, k}$ )                            | 4.2            | 5,4 kN                 | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 7,9 kN                 |                                    |
|                                                                      | 5.3            | 8,4 kN                 |                                    |
| Torsional ratio                                                      |                |                        | EN 14592:2008+A1:2012              |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=3,4 \text{ Nm}$ ) | 4.2            | $\geq 1,5$             |                                    |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=6,1 \text{ Nm}$ ) | 4.8            | $\geq 1,5$             |                                    |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=6,8 \text{ Nm}$ ) | 5.3            | $\geq 1,5$             |                                    |
| Durability C4                                                        |                | Service class 3        | EN 1995-1-1                        |

#### Decking screw C4

| Essential characteristics                                            | Dimension (mm) | Performance            | Harmonised technical specification |
|----------------------------------------------------------------------|----------------|------------------------|------------------------------------|
| Yield moment                                                         | 4.2            | 2350 Nmm               | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 4250 Nmm               |                                    |
| Withdrawal ( $\rho_k=450 \text{ kg/m}^3$ )                           | 4.2            | 17,3 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 14,8 N/mm <sup>2</sup> |                                    |
| Head pull through ( $\rho_k=450 \text{ kg/m}^3$ )                    | 4.2            | 16,7 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 13,3 N/mm <sup>2</sup> |                                    |
| Tensile capacity ( $f_{\text{tens}, k}$ )                            | 4.2            | 6,0 kN                 | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 8,2 kN                 |                                    |
| Torsional ratio                                                      |                |                        | EN 14592:2008+A1:2012              |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=3,8 \text{ Nm}$ ) | 4.2            | $\geq 1,5$             |                                    |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=5,9 \text{ Nm}$ ) | 4.8            | $\geq 1,5$             |                                    |
| Durability C4                                                        |                | Service class 3        | EN 1995-1-1                        |

#### Decking screw Stainless A2

| Essential characteristics                                            | Dimension (mm) | Performance            | Harmonised technical specification |
|----------------------------------------------------------------------|----------------|------------------------|------------------------------------|
| Yield moment                                                         | 4.2            | 1080 Nmm               | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 2150 Nmm               |                                    |
|                                                                      | 5.0            | 1520 Nmm               |                                    |
| Withdrawal ( $\rho_k=450 \text{ kg/m}^3$ )                           | 4.2            | 14,4 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 17,4 N/mm <sup>2</sup> |                                    |
|                                                                      | 5.0            | 16,9 N/mm <sup>2</sup> |                                    |
| Head pull through ( $\rho_k=450 \text{ kg/m}^3$ )                    | 4.2            | 22,4 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 12,5 N/mm <sup>2</sup> |                                    |
|                                                                      | 5.0            | 19,0 N/mm <sup>2</sup> |                                    |
| Tensile capacity ( $f_{\text{tens}, k}$ )                            | 4.2            | 3,0 kN                 | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 5,0 kN                 |                                    |
|                                                                      | 5.0            | 3,6 kN                 |                                    |
| Torsional ratio                                                      |                |                        | EN 14592:2008+A1:2012              |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=2,7 \text{ Nm}$ ) | 4.2            | $\geq 1,5$             |                                    |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=4,0 \text{ Nm}$ ) | 4.8            | $\geq 1,5$             |                                    |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=4,6 \text{ Nm}$ ) | 5.0            | $\geq 1,5$             |                                    |
| Durability C4                                                        |                | Service class 3        | EN 1995-1-1                        |

Decking screw Stainless A2

| Essential characteristics                                            | Dimension (mm) | Performance            | Harmonised technical specification |
|----------------------------------------------------------------------|----------------|------------------------|------------------------------------|
| Yield moment                                                         | 4.2            | 1110 Nmm               | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 1690 Nmm               |                                    |
| Withdrawal ( $\rho_k=450 \text{ kg/m}^3$ )                           | 4.2            | 17,8 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 19,6 N/mm <sup>2</sup> |                                    |
| Head pull through ( $\rho_k=450 \text{ kg/m}^3$ )                    | 4.2            | 20,8 N/mm <sup>2</sup> | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 12,6 N/mm <sup>2</sup> |                                    |
| Tensile capacity ( $f_{\text{tens}, k}$ )                            | 4.2            | 4,5 kN                 | EN 14592:2008+A1:2012              |
|                                                                      | 4.8            | 4,8 kN                 |                                    |
| Torsional ratio                                                      |                |                        | EN 14592:2008+A1:2012              |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=2,7 \text{ Nm}$ ) | 4.2            | $\geq 1,5$             |                                    |
| ( $\rho_k=450 \text{ kg/m}^3$ , $f_{\text{tor}, k}=4,3 \text{ Nm}$ ) | 4.8            | $\geq 1,5$             |                                    |
| Durability C4                                                        |                | Service class 3        | EN 1995-1-1                        |

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 9. This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4.

Signed for and on behalf of the manufacturer by:



Nicklas Sköld, Quality Manager

Hillerstorp 2017.02.10