

DP0285.08.02EN

Issued in accordance with the Construction Products Directive (CPD) 305/2011/EU.

Hoenderdaal Fasteners bv hereby declares that the products mentioned below comply with the requirements of:

EN 14592 2008+A1 2012 – Timber structures - Dowel-type fasteners

1. Unique identification code of the product-type:

0285.08

2. Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):

See annex 1 to this document

3. Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:

| | |
|----------------------|---|
| Type | Hingescrews AR-coating Silver C4 torx |
| Product range | Diameter: 4,0 / 4,5 mm Length: 40 mm |
| Material | Carbonsteel plus AISI C1022 SI (hardened) |
| Corrosion protection | Dynaplug AR-coating, corrosivity class C4, tested according ISO 11997-1 method B |
| Service class | Service class 1 according to EN 1995-1-1 |
| Fire resistance | NPD |
| Reaction to fire | Classification A1 according to EN13501-1 |
| Intended use | Self-tapping screws for use in timber structures |

4. Name, registered trade name or registered trademark and contact address of the manufacturer as required pursuant to Article 11 (5):

Hoenderdaal Fasteners bv – Wageningsealaan 18 – 3903 LA Veenendaal – The Netherlands

5. Where applicable, name and contact address of the authorized representative whose mandate covers the tasks specified in Article 12 (2):

Not relevant

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 NEN-EN 14592:2008+A1:2012
Performed by SHR
 Nieuwe Kanaal 9c
 6709 PA Wageningen
 The Netherlands
Under systeem 3
And issued Initial type test reportcode 11.0787

8. In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

Not relevant

9. Declared performance:

| Essential characteristics | Design Method | Ø 2,5 | Ø 3,0 | Ø 3,5 | Ø 4,0 | Ø 4,5 | Ø 5,0 | Ø 6,0 | Ø 8,0 | Harmonised technical specifications |
|---|----------------------|---|-------|-------|-------|-------|-------|-------|-------|-------------------------------------|
| MECHANICAL STRENGTH AND STIFFNESS | | | | | | | | | | NEN EN-14592 2008+A1:2012 |
| a) Characteristics yield moment $M_{y,k}$ [Nmm] | EN 409 | NPD | NPD | NPD | 4704 | 5544 | 6840 | NPD | NPD | |
| b) Characteristics withdrawal parameter | EN 1382 | NPD | NPD | NPD | 18,5 | 19,8 | 18 | NPD | NPD | |
| Wood Density: | | Spruce 450 kg/m ³ WMC 13% | | | | | | | | |
| c) Characteristics head pull-through parameter [N/mm ²] | EN 1383 | NPD | NPD | NPD | 42,5 | 38,4 | 28,9 | NPD | NPD | |
| Wood density: | EN 314 class 3 | Okoume plywood, 18mm, 525 kg/m ³ | | | | | | | | |
| d) Characteristics tensile capacity $f_{tens,k}$ [kN] | EN 1383:1999 | NPD | NPD | NPD | 385,7 | 407,8 | 385,2 | NPD | NPD | |
| e) Characteristics torsional ratio: | EN ISO 10666:1999 | NPD | 1,6 | 2,4 | 3,1 | 4 | 5,8 | 9,6 | NPD | |
| Wood Density: | | Spruce 450 kg/m ³ WMC 13% | | | | | | | | |
| DURABILITY | EN 1995-1-1 ISO 2081 | Service class 1 - Zinc plated, minimum 5µm above class 24 | | | | | | | | |

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:



Bart Veldhuizen
Product Manager

Veenendaal
04-11-2015

Company stamp

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ANNEX 1

| Article number | EAN-number | Discription | D | L | B | H | Packing | Outercarton |
|----------------|---------------|---|-----|----|------|-----|---------|-------------|
| 0285.08.33601 | 8712811768476 | DYNAPLUS BESLAG-SCHROEF PLATKOP AR-COATING C4 SILVER TX-15 4.0X40 | 4,0 | 40 | T-20 | 7,0 | 200 | |
| 0285.08.33600 | | DYNAPLUS BESLAG-SCHROEF PLATKOP AR-COATING C4 SILVER TX-15 4.0X40 | 4,0 | 40 | T-20 | 7,0 | | |
| 0285.08.33601 | 8712811768544 | DYNAPLUS BESLAG-SCHROEF PLATKOP AR-COATING C4 SILVER TX-15 4.5X40 | 4,5 | 40 | T-25 | 8,0 | 200 | |
| 0285.08.33600 | | DYNAPLUS BESLAG-SCHROEF PLATKOP AR-COATING C4 SILVER TX-15 4.5X40 | 4,5 | 40 | T-25 | 8,0 | | |