

# PERFORMANCE DECLARATION - DoP

Nr. 00011-CB-DCR/QDR-S2-2017/09+2019/02

1. Unique product type identification code: Screw 35mm for fasten thin-plate steel from t- 0.45mmx2 and <0.7mmx2 mounted to wooden laths.
2. Type, lot or serial numbers, or other identification of the building materials, which allows the identification of the construction products, in accordance with Article 11 (4): CB item number / color series Oval-head: a)2199900-2199902-2199904-2199906-2199908 # 2200002-2200004-2200006-2200008-2200010-2200012-2200014

The product is marked **CB** in the screw head for identification and origin.

3. The manufacturer's intended uses for the construction product, in accordance with the relevant harmonized technical specification: For use in buildings - Screws, for mounting steel roofing «panels» to wooden laths, for homes and commercial buildings.
4. Name, registered trademark and contact address of the manufacturer pursuant to Article 12 (2) (if applicable): Christiania Byggteknikk AS, Deliveien 5, N-1540 Vestby, Norway.
5. The system (s) for the assessment and control of the construction product's constant performance, as set out in Annex V: System 3
6. If the declaration of performance applies to a construction product that is covered by a harmonized standard: NS-EN 14592: 2008 + A1: 2012 - Norsk Treteknisk Institutt 1070 - has declared the characteristic properties of the product in several tests.
7. Reference test reports for the products: Norsk Treteknisk Institutt report no.310049-LM01 = test pullout capacity, report 320384-LM01= «test of tensile strength», report no. 320384-LM03 = « calculation of characteristic flow moment».
8. Technical info, coating: Technical specification: [www.cbtek.no](http://www.cbtek.no) - [post@cbtek.no](mailto:post@cbtek.no) - tel. +47 69877722
9. Specified performance:

Essential properties	Performance	Harmonized technical specification
<b>Screw AISI410 - steel roofing «panels» 4,6x35</b> <b>Strength and stiffness</b> Pullout value: 35 mm Tensile strength: 35 mm Yield moment: 35 mm  Torsional strength Torsional resistance	<b>fax,k:</b> 21,6 N/mm <sup>2</sup> <b>ftens,k:</b> 1477,0 N/mm <sup>2</sup> <b>My,Rk:</b> 13 676,0 Nmm  <b>ftor,k:</b> NPD <b>Rtor,k:</b> NPD <b>NPD = No performance determined</b>	NS-EN14592:2008+A1:2012
<b>Indication of material</b> Steel: Stainless AISI410 quality - hardened		
<b>Durability</b>	<b>Climate class3:</b> According to NS-EN 1995-1-1	

Terje O. Simonsen,  
Product Technical Manager

Navn og stilling

Place and issue date

Vestby, 02 July 2019/rev.08.01.2015

Terje O. Simonsen (sign.)

  
**CHRISTIANIA**  
**BYGGTEKNIKK**  
Tel: +47 69 87 77 22 • [post@cbtek.no](mailto:post@cbtek.no) • [www.cbtek.no](http://www.cbtek.no)  
Deliveien 5 • 1540 Vestby