



DECLARATION OF PERFORMANCE

DoP No : BWI-2025-01

1. Unique Identification of Product Type : Deck Screw Countersunk Head Ribs and Cutting Point with Wax
2. Intended Use : Dowel-type Fasteners For Timber Structures According to EN 14592:2008+A1:2012
3. Manufacturer : PT.Batam Well Industry
Jl. Brigjen Katamso, Kawasan Bintang Industri 2 Lot 21-23 Tg. Uncang
Batam 29422 - Indonesia
Phone : +62 778 393510
e-mail : sales@bwi.co.id
4. System of AVCP : System 3
5. Harmonised Standard : EN 14592:2008+A1:2012
Notified Body : HFB Engineering GmbH, Zschortauer Straße 42, 04129 Leipzig, Germany
(Notified Body No. 1034)
6. Declared Performance :

Essential Characteristics	Units	Performance		Test Method	Criteria
		Ø 4.2	Ø 4.8		
Yield Moment ($M_{y,k}$)	Nm	1.99	3.14	EN 409:2009	EN 14592, 6.3.4.2
Withdrawal Parameter ($f_{ax,k}$)	N/mm2	15.8	15.9	EN 1382:2016	EN 14592, 6.3.4.3
Head Pullthrough Parameter ($f_{head,k}$)	N/mm2	22.5	19.1	EN 1383:2019	EN 14592, 6.3.4.4
Tensile Capacity ($f_{tens,k}$)	N	3693	4726	EN 1383:2019	EN 14592, 6.3.4.5
Torsional Strength ($f_{tor,k}$)	Nm	2.96	4.23	EN ISO 10666:1999, 4.2.3	EN 14592, 6.3.4.6
Torsional Resistance ($R_{tor,k}$)	Nm	1.35	2.7	EN 15737:2009	EN 14592, 6.3.4.6
Torsional Ratio ($f_{tor,k} / R_{tor,k}$)	≥ 1.5	2.19	1.57	-	EN 14592, 6.3.4.6
Durability : Corrosion Resistance	Material	Stainless Steel A2, A4		-	-

7. Document Reference : Test Report No. 311003126/1/2025 and 311003126/2/2025 issued by the Notified Body
8. Screw General Information : Refer to annex 1

The performance of the product identified above is in conformity with the set of declared performances.
This declaration of performance is issued in accordance with Regulation (EU) No. 305/2011, under the sole responsibility of the manufacturer indetified above.

Batam, 07 July 2025



Tony Yonatan
Director



Annex 1 of DoP No. BWI-2025-01

Screw General Information :

Dimension	Ø4.2	Ø4.8
Outer Thread Diameter (d)	3.90 - 4.30	4.60 - 5.00
Diameter of Screw Head (dk)	7.20 - 7.60	7.60 - 8.10
Screw Length and Thread Length (L b)	25 20	25 20
	35 20	35 20
	42 22	42 22
	55 30	55 30
	75 40	75 40
		100 60

