

## DECLARATION OF PERFORMANCE NO: 2001/14592/2016

1. Unique identification code of the product-type: RHEINZINK-CLIPFIX srew, steel  
9399058 & 9399059
2. Intended use: Suitable for use in timber structures for use as dowel type fasteners.
3. Manufacturer: RHEINZINK GmbH & Co. KG  
Bahnhofstraße 90  
45711 Datteln  
Germany
4. System of AVCP: 3
5. Harmonised standard: EN 14592:2008 + A1:2012  
Notified body: 1015  
Strojirensky Zkusebni Ustav s.p.  
Hudcova 56b  
621 00 Brno  
Czech Republic

6. Declared performances:

Essential characteristics	Performance
Characteristic yield moment	3515 Nmm
Characteristic withdrawal parameter *	*The characteristic withdrawal parameter $f_{ax,k}$ in timber with a characteristic density of $\rho_k = 440 \text{ kg/m}^3$
Across the grain	16,33 N/mm <sup>2</sup>
Along the grain	10,22 N/mm <sup>2</sup>
Characteristic head pull-through parameter	20,98 N/mm <sup>2</sup>
Characteristic tensile strength	5350 N/mm <sup>2</sup>
Characteristic torsional	2,72 Nmm
Durability	
- Material	1.0402 C22 (AISI C1022)
- Corrosion protection	Zinc plating (8 $\mu$ - 10 $\mu$ ) + sandstone (CP672) E-coating

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

Signed for and on behalf of the manufacturer by:



Marianne Schönnenbeck  
Head of Quality Control



Steven Paton  
Head of department  
Product and Innovation Management

Datteln, 01.02.2018