



Declaration of Performance

DoP



DoP Nr: DoP – 019

1. **Type of product:** Tie Plates, Perforated Plates
2. **Trade Name:** August Vormann Tie Plates, Perforated Plates
3. **Intended use:** for timber-to-timber connections, see EN 14545:2008, paragraph 3.1
4. **Manufacturer:** August Vormann GmbH Co. KG
Heilenbecker Straße 191 – 205
DE-58256 Ennepetal
5. **Authorised representative:** not applicable
6. **System of constancy of performance:** 2+
7. **Harmonised standard:** EN 14545:2008
8. **Notified Body:** Karlsruhe Institute of Technology (KIT), NB-Nr. 0769 has made the first inspection of the factory, the factory production control and also the continuing surveillance, assessment and evaluation under system 2+ and issued: certificate of conformity of the factory production control 0769-CPR-6106/01
9. **Declared performance:**

Essential characteristics	Performance	EN Norm
Mechanical resistance and stability		
- Steel S220GD + Z	- $R_m \geq 300 \text{ N/mm}^2$; $A_0 \text{ } 20 \%$	EN 14545 Abschnitt 6.3.3 EN 10002-1
- Stainless steel 1.4016	- $R_m \geq 450 \text{ N/mm}^2$; $A_0 \text{ } 20 \%$	
Durability		Eurocode 5 Service class 1 & 2 Stainless steel service class 3
Material, Steel grade	- S250GD / DX 51 D Z 275 g/m ² - Stainless steel 1.4016; 1.4301; 1.4401; 1.4404; 1.4541; 1.4571	- EN 10346:2009 - EN 10088-2

This Declaration of Performance is available at www.vormann.com

10. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 7. 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:


Thomas Vormann
Managing Director

Elsterwerda, 12th April 2018