



# Declaration of Performance

DoP



**VORMANN**  
SCHARNIERE · BESCHLÄGE

DoP Nr: DoP – 005

- Type of product:** Tie Plates, Perforated Plates and Strap Ties
- Trade Name:** August Vormann Tie Plates, Perforated Plates and Strap Ties
- Intended use:** for timber-to-timber connections, see EN 14545:2008, paragraph 3.1
- Manufacturer:** August Vormann GmbH Co. KG  
Heilenbecker Straße 191 – 205  
DE-58256 Ennepetal
- Authorised representative:** not applicable
- System of constancy of performance:** 2+
- Harmonised standard:** EN 14545:2008
- 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-6104
- Declared performance:**

Essential characteristics	Performance	EN Norm
Mechanical resistance and stability - Steel - Stainless steel	- $R_{eH} \geq 250$ MPa, $R_m \geq 330$ MPa, $A_0 \geq 19$ % - $R_{eH} \geq 220$ MPa, $R_m \geq 520$ MPa	EN 14545:2008 paragraph 6.3.3
Durability Material, Steel grade	-Pre-galvanized steel S250 GD + Z ( min Z275) - Stainless steel 1.4301; 1.4401; 1.4404; 1.4541; 1.4571	EN 14545:2008 paragraph 6.3.4 Service class 1 & 2 EN 1995-1-1 - EN 10346 - EN 14545:2008 paragraph 6.3.1 - EN 10088-2 - EN 14545:2008 paragraph 6.3.1

This Declaration of Performance is available at [www.vormann.com](http://www.vormann.com)

- 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, 14th July 2017