



Declaration of Performance

DoP



VORMANN
SCHARNIERE · BESCHLÄGE

DoP Nr: DoP-ETA-003

1. **Type of product:** Angle Brackets, Heavy Duty Angle Brackets, Three-dimensional nailing plate according to ETA- 09/0311
2. **Trade Name:** August Vormann Angle Brackets, Heavy Duty Angle Brackets with rib
3. **Intended use:** For timber-to-timber connections, see ETA-09/0311, paragraph 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:** not applicable
8. **Notified Body:** The Technical Assessment Body ETA-Danmark A/S, Kollegievej 6, DK-2920 Charlottenlund has been issued: **European Technical Assessment ETA-09/0311** On the basis of the European Technical Assessment Document ETAG 015 has made the Karlsruhe Institute of Technology (KIT), NB-Nr. 0769 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-6129/01.

9. **Declared performance:**

| Essential characteristics | Performance | ETA paragraph; EN Norm |
|-------------------------------------|---|---|
| Mechanical resistance and stability | ETA-09/0311 | ETA paragraph 2.1, 2.1.1 & Annex B |
| Stiffness | NPD | ETA paragraph 2.1, 2.1.2 |
| Ductility | NPD | ETA paragraph 2.1, 2.1.3 |
| Reaction to fire | A1 | ETA paragraph 2.2 |
| Hygiene, health and the environment | No dangerous materials | ETA paragraph 2.3 |
| Durability | -Pre-galvanized steel S250 GD + Z 275 -Stainless steel 1.4301; 1.4401; 1.4404; 1.4541; 1.4571 | ETA paragraph 1.0, Annexes A & B - EN 10346:2009 - EN 10088 |
| Serviceability | see ETA | ETA Annex B |
| Identification | see point 2, & ETA | ETA Annex A |

NPD – No performance determined

European Technical Assessment ETA-09/0311 and 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 9. 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