

## DECLARATION OF PERFORMANCE

No. LE\_0151020301\_ASSY

**This is an English translation of the original German wording.  
In cases of doubt, the German version applies**

1. **Unique identification code of the product type: ASSY, Jamo, Winkelscheibe (ASSY, Jamo, angle washer)**

Valid for Würth article numbers

**0150\*, 0151\*, 0152\*, 0153\*, 0154\*, 0158\*, 0162\*, 0163\*, 0164\*, 0165\*, 0166\*, 0167\*, 0168\*,  
0169\*, 0170\*, 0172\*, 0173\*, 0177\*, 0178\*, 0179\*, 0180\*, 0181\*, 0184\*, 0187\*, 0190\*, 0234\*,  
0238\*, 0457\***

Except for the following articles:

015301570, 0153030010, 0153030012, 0153030013, 0153035012, 0153035013, 0153040012,  
0153040013, 0153040015, 0153040016, 0153040017, 0153045013, 0153045015, 0153045016,  
0153050016, 0153050017, 0153050020, 0153730010, 0153730012, 0153730013, 0153735010,  
0153735011, 0153735012, 0153735013, 0153735014, 0153735015, 0153740010, 0153740011,  
0153740012, 0153740013, 0153740014, 0153740015, 0153740016, 0153740017, 015374510 -  
0153745017, 0153750016, 0153750017, 0153750020, 0153810426,  
0154035016, 015433516, 0154603516, 0154603517, 0154604010, 0154604011, 0154604012,  
0154604013, 0154604014, 0154604015, 0154604016, 0154604017, 0154604510 - 0154604520,  
0154633010 - 0154633015, 0154633510 - 0154633516, 0154634010 - 0154634017, 0154643010 -  
0154643016, 0154643510 - 0154643516, 0154634510 - 0154634520, 0154635010 - 0154644016,  
0154645010 - 015464520, 015473020, 015473025, 015473030, 015473035, 015473520, 015473525,  
015473530, 015473535, 015473540, 015473550, 015474040, 015474050, 015474540, 015474550,  
0162245025, 0162645025,  
016460310, 016460311, 016460312, 016460313, 016460314, 016460315,  
0165043517, 0165044020, 0165053517, 0165054020, 016511430, 0165114535, 016522430, 0165224535,  
016581325, 016582325, 016583325, 0165833025, 016584325, 016585325, 016580325,  
016610325, 0166103025, 0166115540, 0166125540, 016613025, 01661430, 016613510 - 0166135019,  
01661540,  
0166215550, 016634030, 0166543550, 016675540, 016675550, 016675551, 016675570, 016676560,  
016676580, 0166765100, 0166825550, 016635040, 0166815525 - 0166815540, 0166825525 -  
0166825540, 0166843225,  
0167650020, 016765025, 016766020, 016766025, 016768030, 016768040, 016761040  
0168130010, 0168130011, 0168130012, 0168130013, 0168130014, 0168130015, 0168813010,  
0168812012, 0168833012, 016915550, 016915551, 016915570, 0169025525 - 0169025540, 0169823540,  
0169823550, 0169835540,  
0170013515, 0170013517, 017003012, 017003013, 017003512, 017003513, 017003515, 017003516,  
017003517, 017004012, 017004013, 017004015, 017004016, 017004017, 017004027, 017004515,  
017004517, 017004520, 017005016, 017005020, 017013520, 017014020, 017023010, 017023012,  
017023013, 017023512, 017023515, 017023516, 017023517, 017025020, 017033520, 017034020,  
017040428, 017040430, 017040433, 017040435, 017043516, 017043517, 017024012, 017024015,  
017024517, 017075025, 017075030, 017075035, 017075040,  
01721416,  
01733435, 01733440, 01733445, 017334560,

017730520, 017730620, 017730625, 017730820, 017730825, 017730830, 017750520, 017750620,  
 017750625, 017750630, 017750820, 017750825, 017750830,  
 0178043517, 017804410 - 0178044020, 0178083520 - 0178083529, 017811430, 0178114535, 017811430,  
 0178114535, 0178403520 - 0178403529, 017840425 - 017840435, 0178404525 - 017840435, 0178404525  
 - 0178404538, 017840530 - 017840549, 017880325, 017882325, 017883325, 017884325, 017885325,  
 0178914025,  
 017923925, 017923935, 017923945, 017943925, 017943935, 017943945,  
 018003516, 018004016, 018004520, 018724520,  
 018180615 - 018180623, 018180820 - 018180831, 018400013, 018400620, 018400625,  
 018723516, 018724010 - 0187204016, 018724510 - 018724522, 018744010 - 018744020, 018753515,  
 018754010 - 018754016, 018754510 - 018754522, 018774510 - 018774522,  
 0190013510 - 0190013515, 0190013517, 019003010, 019003012, 019003013, 019003512, 019003513,  
 019003515, 019003516, 019003517, 019004010, 019004011, 019004012, 019004013, 019004014,  
 019004015, 019004016, 019004017, 019004510, 019004511, 019004512, 019004513, 019004514,  
 019004515, 019004516, 019004517, 019004518, 019004519, 019004520, 019005016, 019005020,  
 019013520, 019014020, 0190403520 - 0190403529, 019040420 - 019040435, 0190404520 - 0190404538,  
 019043516, 019043517, 0190715025, 0190725035,  
 0457700462, 045770468

2. **Intended use(s):** Self-tapping screws in timber constructions
3. **Manufactured by:** Adolf Würth GmbH & Co. KG, Reinhold-Würth-Str. 12 - 17  
D-74653 Künzelsau
4. **System(s) of assessment and verification of constancy of performance:** System 3
5. **European Assessment Document:** EAD 1301189-00-0603 Oct. 2016  
**European Technical Assessment** ETA-11/0190 - 7/23/2018  
**Technical Assessment Body:** Deutsches Institut für Bautechnik  
**Notified Body or Bodies:** Not relevant
6. **Declared performance:**

| Essential characteristics                          | Performance                    | Harmonized technical specification               |
|--|--------------------------------|--|
| <b>Mechanical resistance and stability (BWR 1)</b> |                                | ETA 11/0190 -<br>7/23/2018<br>EAD 130118-00-0603 |
| Dimensions   | See Annex 9 of the ETA         |  |
| Bending angle                                      | NPD                            |  |
| Characteristic yield moment                        | See section A.2 of the ETA     |  |
| Characteristic withdrawal parameter                | See section A.2.1 of the ETA   |  |
| Characteristic head pull-through parameter         | See section A.2.3.3 of the ETA |  |
| Characteristic value for the tensile strength      | See section A.2 of the ETA     |  |

| Essential characteristics  | Performance                    | Harmonized technical specification               |
|--|--------------------------------|--|
| Characteristic value for the yield strength  | See section A.2.3.4 of the ETA | ETA 11/0190 –<br>7/23/2018<br>EAD 130118-00-0603 |
| Characteristic value for the torsional strength  | See section A.2 of the ETA     |  |
| Screw-in torque  | See section A.2.5 of the ETA   |  |
| Intermediate distance, end and edge distances of the screws and minimum thickness of the wood components | See section A.2.4 of the ETA   |  |
| Shearing modulus for intended loading in direction of screw axis   | See section A.2.3 of the ETA   |  |
| Durability / resistance to corrosion   | See section A.2.6 of the ETA   |  |
| <b>Fire protection (BWR 2)</b>   |                                |  |
| Fire behavior  | Class A1                       |  |
| <b>Safety and accessibility (BWR 4)</b>  |                                |  |
|  | As BWR 1                       |  |

The performance of the above product corresponds to the declared performance. The declaration of performance is issued in compliance with EU Regulation 305/2011 under the sole responsibility of the above manufacturer.

Signed for and on behalf of the manufacturer by:





---

Frank Wolpert  
Authorized Signatory, Head of Product  
Management

---

Dr.-Ing. Siegfried Beichter  
Head of Quality, Authorized Signatory

Künzelsau, 12/1/2019