



**Strojirenský zkušební ústav, s.p.**  
**(Engineering Test Institute, Public Enterprise)**  
Product certification body  
Hudcova 424/56b, 621 00 Brno, Czech Republic

# CERTIFICATE

Number: **E-30-20106-18**

Manufacturer : AZMET RADOM spółka z ograniczoną odpowiedzialnością  
Ul. Tartaczna 16/18  
26-600 Radom, Poland

Product,  
Type/Model/Specification: Hexagon washer head self drilling screws  $\varnothing$  4.8 mm  
- full thread  
- EPDM washer  
- material: steel C1022

Assessment of the performance  
of construction product: see Annex 1 (page 3 of certificate)

Basis of Certificate issuance: Report on assessment of the performance of construction product  
1015-CPR-30-11301 of 2018-03-12

Harmonized standard: EN 14592:2008+A1:2012, Tab. ZA.1

Strojirenský zkušební ústav, s.p., (Engineering Test Institute, Public Enterprise) hereby confirms that it has carried out an assessment of the performance in accordance with point 1.4.(b) System 3 Annex V of Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), and has determined the performance of essential characteristics of the construction product.

Product certification scheme applied: ČSN EN ISO/IEC 17067:2014, scheme type 1a.

This Certificate is not a substitute for relevant document issued by Notified Body.

Brno, 2018-03-13



  
Ing. Pavel Štícha  
Director for Certification

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## Assessment of the performance of construction product

| Product   | Characteristic yield moment<br>$M_{y,k}$ [Nmm]  | Characteristic withdrawal parameter<br>$f_{ax,k}$ [N/mm <sup>2</sup> ] |                       | Characteristic head pull-through parameter<br>$f_{head,k}$ [N/mm <sup>2</sup> ] |             | Characteristic tensile capacity<br>$f_{tens,k}$ [kN] | Characteristic torsional ratio |
|---|---|--|-----------------------|---|-------------|--|--------------------------------|
|   |   | perpendicular to the grain   | parallel to the grain | without washer  | with washer |  |                                |
| -   | -   | -  | -                     | -   | -           | -  | -                              |
| Screws<br>ø 4.8 mm  | 9 292   | 15,01  | 12,69                 | 26,02*  | 21,64*      | 10,54  | 4,74                           |
| Characteristic density of wood<br>$\rho_k$ [kg/m <sup>3</sup> ] | -   | 350  |                       | 350   |             | -  | 350                            |
| Durability<br>(i.e. corrosion protection)                       | zinc plated Cr3+ (12 µm) (Service Class 1 and 2 acc. to EN 1995-1-1)<br>zinc plated Cr3+ (12 µm) + powder painted (50 – 60 µm)<br>(Service Class 3 acc. to EN 1995-1-1) |  |                       |   |             |  |                                |

\* zinc plated Cr3+ (12 µm) + powder painted (50 – 60 µm)

