



DECLARATION OF PERFORMANCE

No AI/BI248XL/2019

1. Unique identification code of the product-type: **BI2-4,8 x L ; BI2-4,8 x L + 14 AL (14 SS)**
2. Intended use: **Screw for structural timber applications**
3. Manufacturer: **Aztec International S.A., ul. Sowia 13C, 62-080 Tarnowo Podgórne**
4. System/s of AVCP: **System 3**
5. European Technical Assessment: **ETA 18/0012**
 Notified body: **Technický a zkušební ústav stavební Praha, s.p. NB 1020**
6. Declared performances:

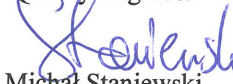
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class \geq C24			<i>BI2-4,8 x L bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035</i>
$M_{t,nom}$	-				-	-		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50 0,75 1,00 1,50	1,02 1,15 1,43 -	1,15 1,47 1,87 -	1,43 1,76 - -	-	-	-	ETA 18/0012
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50 0,75 1,00 1,50	0,58 0,58 0,58 -	1,16 1,16 1,16 -	1,33 1,35 1,35 -	-	-	-	ETA 18/0012
$t_{N,II}$ [mm] <th>0,5</th> <th>0,75</th> <th>1,00</th> <th>1,50</th> <th colspan="3">Wood class \geq C24</th> <th><i>BI2-4,8 x L + 14 AL (14 SS) bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035; EPDM sealing ring with metal top made of aluminium or stainless steel</i></th>	0,5	0,75	1,00	1,50	Wood class \geq C24			<i>BI2-4,8 x L + 14 AL (14 SS) bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035; EPDM sealing ring with metal top made of aluminium or stainless steel</i>
$M_{t,nom}$	-				-	-		
$V_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50 0,75 1,00 1,50	1,02 1,15 1,43 -	1,15 1,47 1,87 -	1,43 1,76 - -	-	-	-	ETA 18/0012
$N_{R,k}$ [kN] for $t_{N,I}$ [mm]	0,50 0,75 1,00 1,50	0,58 0,58 0,58 -	1,16 1,16 1,16 -	1,33 1,35 1,35 -	-	-	-	ETA 18/0012

The performance of the product identified above is in conformity with the set of declared performance/s.
 This declaration of performance is issued, in accordance with Regulation (EU) No 305/2011, under the sole responsibility of the manufacturer identified above.
 Signed for and on behalf of the manufacturer by:

Tarnowo Podgórne, 08.10.2021

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Quality Engineer


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