

## DECLARATION OF PERFORMANCE

### No AI/BI248XL/2019

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

$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class $\geq$ C24			BI2-4,8 x L bimetal – head and body stainless steel 304 M, drill point – carbon steel 1022 or 1035	
$M_{t,nom}$	-				-	-	<del>XXXXXXXXXX</del>		
$V_{R,k}$ [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 - -	- - - -	- - - -	- - - -	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : S280GD, S320GD or S350GD – EN 10346	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 -	- - - -	- - - -	- - - -	*bearing resistance of component II : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346	ETA 18/0012
$t_{N,II}$ [mm]	0,5	0,75	1,00	1,50	Wood class $\geq$ C24			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	
$M_{t,nom}$	-				-	-	<del>XXXXXXXXXX</del>		
$V_{R,k}$ [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 - -	- - - -	- - - -	- - - -	*bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component II : S280GD, S320GD or S350GD – EN 10346	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 -	- - - -	- - - -	- - - -	*bearing resistance of component II : S280GD, S320GD or S350GD – EN 10346 **bearing resistance of component I : S280GD, S320GD or S350GD – EN 10346	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:  
 Barbara Kamczycka  
 Tarnowo Podgórze, 5 May 2020.

Barbara Kamczycka  
 Quality Manager  
 Aztec International S.A.