



**DECLARATION OF PERFORMANCE  
IN ACCORDANCE WITH REGULATION (EU) No 305/2011**

1. The unique identification code of the product: **Drilling and self-tapping screws for fixing sandwich panels and sheets.**
2. Type, batch or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4): **The type and lot number on the package.**
3. Intended use or uses of the construction product, in accordance with the applicable harmonised technical specification, as foreseen by the manufacturer: Screws intended for joining steel plates and mounting sandwich panels to sheets of steel, wood or concrete.
4. Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11(5):
  - **IMPACT-R, IMPACT-S**
  - **SHARP-R, SHARP-S**
  - **VCAT**
  - **TAP S A, TAP S B**
  - **LAX**
  - **WELRO, WELRO-XL**
  - **KALOTKA, KALOTKA S**
5. Where applicable, name and contact address of the authorised representative whose mandate covers the tasks specified in Article 12(2): **no.**
6. System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V: **System 3 in accordance with Annex V of the Regulation of the European Parliament of 9 March 2011 (Construction Product Regulation – CPR).**
7. In case of the declaration of performance concerning a construction product covered by a harmonised standard:

**Building Research Institute in Warsaw issued:  
European Technical Assessment ETA-21/0376  
Technical Approval ITB Nr AT-15-8295/2016  
Technical Approval ITB Nr AT-15-8284/2016  
Test Report LZK00-03291/19/Z00NZK  
CE-ETA11/0174-A12  
CE-ETA11/0174-A13**



8. Declared performance:

**Screws SHARP-R, SHARP-S**

Essential characteristics	Declared performance	Harmonised technical specification
Characteristic resistance on the (tension) pulling out of the ground NR,k [kN]	According to the table 1+30 AT-15-8295/2016	AT-15-8295/2016
Shear values VR,k [kN]	According to the table 1+30 AT-15-8295/2016	
Partial safety factor $\gamma_M$	1,33	
Anti-corrosion coating	DAKRO 500 (Ruspert 500) Dedicated to the environment C1, C2, C3, C4, zinc coating min. 12 mic.	

**Screws IMPACT-R, IMPACT-S, VCAT**

Essential characteristics	Declared performance	Harmonised technical specification
Characteristic resistance on the (tension) pulling out of the ground NR,k [kN]	According to the table 1+17 AT-15-8295/2016 According to the table 6+7 ETA-21/0376	AT-15-8284/2016 ETA-21/0376
Shear values VR,k [kN]	According to the table 1+17 AT-15-8295/2016 According to the table 6+7 ETA-21/0376	
Partial safety factor $\gamma_M$	1,33	
Anti-corrosion coating	DAKRO 500 (Ruspert 500) Dedicated to the environment C1, C2, C3, C4, zinc coating min. 12 mic.	

Zasadnicze charakterystyki	Właściwości użytkowe	Krajowa certyfikacja techniczna
Characteristic resistance on the (tension) pulling out of the ground NR,k [kN]	According to the table Page 7 i 13 – CE-ETA11/0174-A12 for 6,5-L	CE-ETA11/0174-A12 for 6,5-L CE-ETA11/0174-A13 for 6,3-L ETA-21/0376
Shear values VR,k [kN]	According to the table Page 7 i 13 According to the table Page 83 - ETA-21/0376	
Partial safety factor $\gamma_M$	1,33	
Anti-corrosion coating	stainless steel 1.4301 class A2 electro galvanized, carbon steel C1022 electro galvanized 12 mic.	

### Bolt LAX in conjunction with screws

Essential characteristics	Declared performance	Harmonised technical specification
Characteristic resistance for mounting self-tapping fasteners IMPACT-R6, IMACT-R14, VCAT, VCAT(+) with LAX bodies to drag connectors head (NR,k [kN])	According to the table 1+17 AT-15-8284/2016 According to the table 6 ITB Test report LZK00-03291/19/Z00NZK According to the table: Page 29, 42, 55, 68, 80, 92, ETA-21/0376	AT-15-8284/2016 ITB Test Report LZK00-03291/19/Z00NZK ETA-21/0376
Pull-over values for drilling and self tapping screws IMPACT-R 6, IMPACT-R 14, VCAT, VCAT(+) with LAX (VR,k [kN])	According to the table 1+17 AT-15-8284/2016 According to the table 6, 7 ITB Test report LZK00-03291/19/Z00NZK	
Partial safety factor $\gamma_M$	2.00 for plastic connectors	
Material	Poliamid PA 6.6, Dedicated to the environment C1, C2, C3, C4, C5i, C5M	

### Fasteners WELRO, WELRO-XL in conjunction with screws



Essential characteristics	Declared performance	Harmonised technical specification
Characteristic resistance on the (tension) pulling out of the ground NR,k [kN]	According to the table 6,7 ITB Test report LZK00-03291/19/Z00NZK According to the table 43+44 ETA-21/0376	ITB Test Report LZK00-03291/19/Z00NZK ETA-21/0376
Partial safety factor $\gamma_M$	2.00 for plastic connectors	
Material	Poliamid PA 6.6, Dedicated to the environment C1, C2, C3, C4, C5i, C5M	

### KALOTKA ( aluminum sheet ) in conjunction with screws

Essential characteristics	Declared performance	Harmonised technical specification/Test report
Characteristic resistance on the (tension) pulling out of the ground NR,k [kN]	According to the table 5,6 ITB Test report LZK00-03291/19/Z00NZK According to the table 8+11, 21+25, 34+37 ETA-21/0376	ITB Test Report LZK00-03291/19/Z00NZK ETA-21/0376
Partial safety factor $\gamma_M$	1,33	
Material	Aluminum with rubber EPDM, Dedicated to the environment C1, C2, C3, C4	

### KALOTKA S ( stainless sheet 1.4301 ) in conjunction with screws

Essential characteristics	Declared performance	Harmonised technical specification/Test report
Characteristic resistance on the (tension) pulling out of the ground NR,k [kN]	According to the table 5,6 ITB Test report LZK00-03291/19/Z00NZK According to the table 12+15, 38+41 ETA-21/0376	ITB Test Report LZK00-03291/19/Z00NZK ETA-21/0376
Partial safety factor $\gamma_M$	1,33	
Material	Aluminum with rubber EPDM, Dedicated to the environment C4, C5i, C5M	

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9. The performance of the product identified in points 1 and 2 is in conformity with the declared performance in point 8.

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:

**Tomasz Żebrowski**  
Director

14<sup>th</sup> of July, 2022 Warszawa

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