

DECLARATION OF PERFORMANCE

No. 2024-001



1. Unique identification code of the product-type: Concrete screw ARVEX SS
2. Intended use/es:

Intended use or uses of the construction product according to EAD 330232-01-0601, "Mechanical fasteners for use in concrete"	
Generic type	Concrete screw: sizes 7.5, 10.5, 12.5, 14.2, 16.5mm.
Base material	- reinforced or unreinforced normal weight concrete without fibers of strength classes C20/25 at minimum to C50/60 at maximum according to EN 206:2013+A1:2016, - cracked and uncracked concrete.
Material	See Annex A5 of ETA-24/0051
Durability	50 years
Loading	static, quasi-static
Use category	- carbon steel SS anchor shall be used in dry internal conditions, - bimetal SS anchor shall be used in dry internal conditions, external atmospheric exposure (including industrial and marine environment) or permanent internal damp conditions if there are no particular aggressive conditions (e.g., permanent, alternating immersion in seawater or the splash zone of seawater, chloride atmosphere of indoor swimming pools or atmosphere with extreme chemical pollution - e.g., in desulphurization plants or road tunnels where de-icing materials are used), - may be used for anchorages with requirements related to resistance to fire.

3. Manufacturer: *ARVEX GROBELNY Sp. z o.o.*
ul. Makuszyńskiego 4, 30-969 Krakow, POLAND
4. Authorised representative: _____
5. System/s of AVCP: *system 1*
- 6a. Harmonised standard: _____
- Notified Body/ies: _____
- 6b. European Assessment Document: *EAD 330232-01-0601, "Mechanical fasteners for use in concrete", 2019 ..*
European Technical Assessment: *ETA-24/0051 issued on 18th January 2024*
- Technical Assessment Body: *Instituto de Ciencias de la Construcción Eduardo Torroja (IETcc), Spain*
- Notified Body/ies: *1219, certificate of accreditation 205/C-PR416*

7. Declared performance/s:

According to EAD 330232-01-0601, "Mechanical fasteners for use in concrete"		
Essential characteristics	Performance	Harmonised technical specification
Characteristic values	See Annex C1, C2, C3, C5, C6, C8, C9 according to ETA-24/0051	-
Displacement values	See Annex C4, C7, C9 according to ETA-24/0051	-
Resistance to fire	See Annex D1, D2, D3, D4, D5 according to ETA-24/0051	-
Reaction to fire	A1	-

8. Appropriate Technical Documentation and/or Specific Technical Documentation: *European Technical Assessment ETA-24/0051 issued on 18th January 2024 by Instituto de Ciencias de la Construcción Eduardo Torroja (IETcc), Spain.*

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:

Michał Janus
[name]

At Krakow on 13th May 2024
[place] "ARVEX GROBELNY" Sp. z o.o. [date of issue]

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"ARVEX GROBELNY" Sp. z o.o.

Signature
Michał Janus