

S-IRW (winter version)



- *Unique identification code of the product-type:*
SMART S-IRW
- *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
See annex 1 to this document
- *Intended uses of the construction product, in accordance with the applicable harmonized technical specification as foreseen by the manufacturer:*

Intended use or uses of the construction product according to ETAG 001 Part 5	
Generic type	Bonded injection type anchor sizes M8, M10, M12, M16, M20, M24, M27, M30 and rebar sizes Ø8mm to Ø32mm.
Base material	For use in non-cracked concrete in the range C20/25 as a minimum up to a maximum of C50/60 according to EN 206-1:2000-12.
Option/category	ETAG001 Part 5 Option 7
Loading	Tension, shear, combined tension and shear.
Material:	zinc-plated steel: <ul style="list-style-type: none"> • dry internal conditions only • covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30. stainless steel (marking A4): <ul style="list-style-type: none"> • internal and external use without particular aggressive conditions • covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30. highly corrosion resistant steel (marking C): <ul style="list-style-type: none"> • internal and external use with particular aggressive conditions • covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30. rebar: <ul style="list-style-type: none"> • covered sizes: Ø8mm, Ø10mm, Ø12mm, Ø16mm, Ø20mm, Ø25mm and Ø32mm.
Temperature range	Service temperature range: -40°C to +80°C. Maximum short term temperature = +80°C. Maximum long term temperature = +50°C.

- *Name, registered trade name or registered trade mark and contact address of the manufacturer as required pursuant to Article 11 (5):*
pgb-Polska sp. z o.o. – Ul. Jondy 5 – 44-100 Gliwice – Polska
- *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 1

DECLARATION OF PERFORMANCE



DoP S-IRW001 page 2 / 3

- In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:

ETA - 12/0572 issued by	TZUS Praha
Body nr	NB 1020
On the basis of	ETAG001 Part 1 and ETAG001 Part 5
Certificate of Conformity issued by	TZUS
Under System	1

Declared performance – Essential characteristics – Performances

Essential Characteristics	Design Method	Performance	Harmonized Technical Specification
characteristic resistance for tension	TR029	ETA-13/0749, annex 6 and annex 9	ETAG 001 Part 1, 5
characteristic resistance for shear	TR029	ETA-13/0749, annex 7 and annex 10	
minimum spacing and minimum edge distance	TR029	ETA-13/0749, annex 5	
displacement for serviceability limit state	TR029	ETA-13/0749, annex 8 and annex 11	

- The performances of the product identified by the above identification code are in conformity with the declared performance. This declaration of performance is issued under the sole responsibility of pgb-Europe nv. Signed for and behalf of the manufacturer by:

Place and date of issue	Signature	
Melle, 01/07/2013		Johannes Heye, product manager



Annex 1 : Product overview