

S-IRW – OPTION 1 (cracked concrete)



- *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.
For use in	For use in cracked and non-cracked concrete with threaded rods and non-cracked concrete with reinforcing bars 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 1 used as an EAD
Loading	static, quasi static
Material	<p><u>zinc-plated steel:</u> dry internal conditions only covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30</p> <p><u>stainless steel (marking A4):</u> internal and external use without particular aggressive conditions covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30 in cracked or non-cracked concrete.</p> <p><u>highly corrosion resistant steel (marking C):</u> internal and external use with particular aggressive conditions covered sizes: M8, M10, M12, M16, M20, M24, M27 and M30</p> <p><u>rebar:</u> covered sizes: Ø8mm, Ø10mm, Ø12mm, Ø16mm, Ø20mm, Ø25mm and Ø32mm</p>
Temperature range (if applicable)	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

- 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-14/0141, annex C1 annex C2 annex C5 annex C6	ETAG 001 Part 1, 5
characteristic resistance for shear	TR029	ETA-14/0141, annex C3 annex C4 annex C7 annex C8	
minimum spacing and minimum edge distance	TR029	ETA-14/0141, annex B4	
displacement for serviceability limit state	TR029	ETA-14/0141, annex C9 annex C10	

- 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, 15/06/2014	<div style="display: flex; align-items: center;"> <div style="border: 1px solid black; padding: 5px; margin-right: 20px;"> <p>nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396</p> </div> <div style="text-align: center;"> <p>Johannes Heye, product manager</p>  </div> </div>

Annex 1 : Product overview



Chemical resin vinyl ester S-IRV



ml	pgb code	EAN13		
300	SMCH13300 VE+	5902134718941	1	
410	SMCH13410 VE+	5902134718965	1	