

SM1BZ001_EN

1. **Unique identification code of the product type:**
Metal expansion anchor SMART S-BZ en SMART S-BZ IG

2. **Intended us(es):**

Product	Intended use
Metal anchors for use in concrete	For fixing and/or supporting to concrete, structural elements (which contributes to the stability of the works) or heavy units.

3. **Manufacturer:**
pgb-Polska sp. z o.o. – Ul. F.W. Redena 3 – 41-807 Zabrze – Polska

4. **System(s) of AVCP:** **System 1**

5. **European Assessment Document:** EAD 330232-00-0601
European Technical Assessment: [ETA 19-0670 \(29/10/2019\)](#)
Technical Assessment Body: DIBt – Deutsches Institut für Bautechnik
Notified Body / Bodies : NB 1343 – MPA Darmstadt

6. **Declared performances:**

a. **Mechanical resistance and stability (BWR 1)**

Essential characteristics	Performance
Characteristic resistance for static and quasi-static loads	S-BZ : See Annex C1-C5 - ETA 19/0670 S-BZ IG : See Annex C11-C13 - ETA 19/0670
Displacements	S-BZ : See Annex C9-C10 - ETA 19/0670 S-BZ IG : See Annex C15 - ETA 19/0670
Characteristic resistance for seismic performance category C1+C2.	S-BZ : See Annex C6 - ETA 19/0670

b. **Safety in case of fire (BWR 2)**

Essential characteristics	Performance
Reaction to fire	Anchorage satisfy requirements for class A1
Resistance to fire	S-BZ : See Annex C7-C8 - ETA 19/0670 S-BZ IG : See Annex C14 - ETA 19/0670

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 (EU) Regulation N° 305/2011, under the sole responsibility of the manufacturer identified above.

Signed for and on behalf of the manufacturer by:



Place and date of issue	Signed for and on behalf of the manufacturer by	
Melle, 29/10/2019	nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396	Johannes Heye, product manager 