

SMIPT001



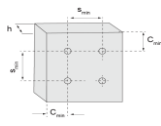
- *Unique identification code of the product-type:*
S-IPT
- *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
See annex 1 to this document
- *Intended uses of the construction product, in accordance with the applicable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

Intended use or uses of the construction product according to EAD 330196-01-0604	
Generic type	Screwed-in plastic anchors for fixing of external thermal insulation composite systems with rendering in concrete and in masonry (ETICS)
Base material	Concrete and masonry, use categories A, B, C, D, E
Material:	Anchor sleeve: - Virgin polypropylene, natural colour Expansion element: - S-IPT 8/p: Glass fibre reinforced polyamide PA6 GF30, black - S-IPT 8/s: Zinc plated steel nail with injected plastic protection head, PA6 GF30, black
Intended use	Plastic anchors made of virgin or non-virgin material for fixing of external thermal insulation composite systems with rendering"
Application temperature range	0° to +40°C
UV exposure	Max exposure to UV due to solar radiation of the anchor not protected by rendering shall not exceed 6 weeks.

- *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. Fryderyka Wilhelma Redena 3 - PL 41-807 Zabrze - Poland
- *System or systems of assessment and verification of constancy of performance of the construction product as set out in Annex V:*
System 2+
- *In case of the declaration of performance concerning a construction product for which European Technical Assessment has been issued:*

ETA - 17/0303 issued by	ITB Poland
Body nr	NB 1488
On the basis of	EAD 330196-01-0604
Certificate of Conformity	1488-CPR-0563/Z
Under System	2+

- Declared performance – Essential characteristics – Performances

Installation parameters					
			S-IPT 8/p	S-IPT 8/s	
	d ₀	Nominal diameter of drill bit	[mm]	8	8
	L _a	Length plug	[mm]	95-295	95-295
	D	Diameter of the plate	[mm]	60	60
	d _n	Diameter expansion element	[mm]	6	5,7
	L _s	Length expansion element	[mm]	100-300	100-300
	h _{ef(A,B,C,D)}	Effective embedment depth use category A,B,C,D	[mm]	≥ 35	≥ 35
	h _{ef(E)}	Effective embedment depth use category E	[mm]	≥ 50	≥ 50
	h _{1(A,B,C,D)}	Depth of drilled hole use category A,B,C,D	[mm]	≥ 40	≥ 40
	h _{1(E)}	Depth of drilled hole use category E	[mm]	≥ 55	≥ 55
	h _{min}	Min. thickness of concrete member	[mm]	100	100
	S _{min}	Minimum spacing	[mm]	100	100
	C _{min}	Minimum edge distance	[mm]	100	100









Characteristic resistance to tension loads NRk in concrete and masonry for single anchors					
			S-IPT 8/p	S-IPT 8/s	Drill method
	Concrete C12/15 (A)	[kN]	1,50	0,80	hammer
	Concrete C16/20 ÷ C50/60 (A)	[kN]	1,50	1,10	hammer
	Clay bricks MZ ≥ 20N/mm ² (B) C30/37	[kN]	1,50	1,20	hammer
	Clay bricks MZ+H ≥ 20N/mm ² (B) C40/50	[kN]	1,30	0,65	hammer
	Solid Calcium silicate brick ≥ 20N/mm ² (B) C50/60	[kN]	1,50	1,20	hammer
	Hollow calcium silicate brick ≥ 12N/mm ² (C)	[kN]	1,50	0,90	rotary
	Vertically perforated brick ≥ 12N/mm ² (C)	[kN]	1,00	0,55	rotary
	Vertically perforated brick ≥ 10N/mm ² (C)	[kN]	0,50	0,25	rotary
	Light Aggregate Concrete block ≥ 5N/mm ² (D)	[kN]	1,10	1,00	rotary
	Hollow Light Aggregate Concrete block ≥ 5N/mm ² (D)	[kN]	1,20	0,45	rotary
	Aerated Autoclaved Concrete ≥ 2N/mm ² (E)	[kN]	1,40	0,80	rotary
	Aerated Autoclaved Concrete ≥ 3,5N/mm ² (E)	[kN]	1,40	0,80	rotary

Plate stiffness according to EOTA TR 026				
			S-IPT 8/p	S-IPT 8/s
F _{p,plate}	Characteristic load resistance of the anchor plate	[kN]	2,87	2,87
C _{p,plate}	Plate stiffness	[kN/mm]	0,40	0,40

Point thermal transmittance according to EOTA TR 025		
	H _a	x
	Insulation thickness	Point thermal transmittance
S-IPT 8/p	95mm	0
	105mm	0
	150mm	0
	245mm	0
S-IPT 8/s	95mm	0,003
	105mm	0,003
	150mm	0,003
	245mm	0,002



- 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. Signed for and behalf of the manufacturer by:

Place and date of issue	Signature	
Melle, 28/09/2018	<div style="border: 1px solid black; padding: 5px;"> nv pgb-Europe sa Gontrode Heirweg 170 9090 MELLE BE 0425 888 396 </div>	Johannes Heye, product manager 

Annex 1 : Product overview





Carton box packing - Kartonverpakking - Bolte carton

size	pgb code	EAN13		
8x95	SMOIPTN000800953	5902134201597	200	6000
8x115	SMOIPTN000801153	5902134201603	200	6000
8x135	SMOIPTN000801353	5902134201610	200	6000
8x155	SMOIPTN000801553	5902134201627	200	6000
8x175	SMOIPTN000801753	5902134201634	200	6000
8x195	SMOIPTN000801953	5902134201641	200	6000
8x215	SMOIPTN000802153	5902134201658	100	3000
8x235	SMOIPTN000802353	5902134201665	100	3000
8x255	SMOIPTN000802553	5902134212883	100	3000
8x275	SMOIPTN000802753	5902134201672	100	3000
8x295	SMOIPTN000802953	5902134201689	100	3000



Carton box packing - Kartonverpakking - Bolte carton

size	pgb code	EAN13		
8x95	SMOIPTN010800953	5902134201498	200	6000
8x115	SMOIPTN010801153	5902134201504	200	6000
8x135	SMOIPTN010801353	5902134201511	200	6000
8x155	SMOIPTN010801553	5902134201528	200	6000
8x175	SMOIPTN010801753	5902134201535	200	6000
8x195	SMOIPTN010801953	5902134201542	200	6000
8x215	SMOIPTN010802153	5902134201559	100	3000
8x235	SMOIPTN010802353	5902134201566	100	3000
8x255	SMOIPTN010802553	5902134212890	100	3000
8x275	SMOIPTN010802753	5902134201573	100	3000
8x295	SMOIPTN010802953	5902134201580	100	3000

Other packaging types possible