

SMIPH001



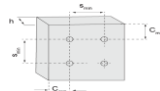
- *Unique identification code of the product-type:*
S-IPH
- *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
See annex 1 to this document
- *Intended uses of the construction product, in accordance with the applicable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

Intended use or uses of the construction product according to EAD 330196-01-0604	
Generic type	Nailed-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-IPH 10/p: Glass fibre reinforced polyamide PA6 GF30, black - S-IPH 10/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 - 18/0728 issued by	ITB Poland
Body nr	NB 1488
On the basis of	EAD 330196-01-0604
Certificate of Conformity	1488-CPR-0570/Z
Under System	2+

- Declared performance – Essential characteristics – Performances

Installation parameters					
				S-IPH 10/p	S-IPH 10/s
	d ₀	Nominal diameter of drill bit	[mm]	10	10
	L _a	Length plug	[mm]	70-300	70-300
	D	Diameter of the plate	[mm]	60	60
	d _n	Diameter expansion element	[mm]	5,1	5,0
	L _s	Length expansion element	[mm]	75-305	75-305
	h _{ef}	Effective embedment depth	[mm]	≥ 50	≥ 50
	h ₁	Depth of drilled hole	[mm]	≥ 60	≥ 60
	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-IPH 10/p	S-IPH 10/s	Drill method
	Concrete C12/15 (A)	[kN]	0,70	0,70	hammer
	Concrete C16/20 ÷ C50/60 (A)	[kN]	1,00	1,00	hammer
	Clay bricks MZ ≥ 20N/mm ² (B) C30/37	[kN]	1,20	1,20	hammer
	Clay bricks MZ+H ≥ 20N/mm ² (B) C40/50	[kN]	0,55	0,85	hammer
	Solid Calcium silicate brick ≥ 20N/mm ² (B) C50/60	[kN]	1,20	1,20	hammer
	Hollow calcium silicate brick ≥ 12N/mm ² (C)	[kN]	0,65	0,75	rotary
	Vertically perforated brick ≥ 12N/mm ² (C)	[kN]	0,40	0,45	rotary
	Vertically perforated brick ≥ 10N/mm ² (C)	[kN]	0,35	0,40	rotary
	Light Aggregate Concrete block ≥ 5N/mm ² (D)	[kN]	0,45	0,65	rotary
	Hollow Light Aggregate Concrete block ≥ 5N/mm ² (D)	[kN]	0,15	0,15	rotary
	Aerated Autoclaved Concrete ≥ 2N/mm ² (E)	[kN]	0,35	0,30	rotary
	Aerated Autoclaved Concrete ≥ 3,5N/mm ² (E)	[kN]	0,40	0,40	rotary

Plate stiffness according to EOTA TR 026					
			S-IPH 10/p	S-IPH 10/s	
F _{plate}	Characteristic load resistance of the anchor plate	[kN]	1,43	1,43	
C _{plate}	Plate stiffness	[kN/mm]	0,40	0,40	

Point thermal transmittance according to EOTA TR 025		
	H_d	x
	Insulation thickness	Point thermal transmittance
S-IPH 10/p	40mm	0,001
	150mm	0
	230mm	0
S-IPH 10/s	40mm	0,002
	150mm	0,003
	230mm	0,003



- 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: 2px;"> 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 - Boîte carton

size	pgb code	EAN13		
10x70	SM0IPHN001000703	5902134201696	200	6000
10x90	SM0IPHN001000903	5902134201702	200	6000
10x120	SM0IPHN001001203	5902134201726	200	6000
10x140	SM0IPHN001001403	5902134201733	200	6000
10x160	SM0IPHN001001603	5902134201740	200	6000
10x180	SM0IPHN001001803	5902134201757	200	6000
10x200	SM0IPHN001002003	5902134201764	200	6000
10x220	SM0IPHN001002203	5902134201771	100	3000
10x260	SM0IPHN001002603	5902134201788	100	3000



Carton box packing - Kartonverpakking - Boîte carton

size	pgb code	EAN13		
10x70	SM0IPHN011000703	5902134211671	200	6000
10x90	SM0IPHN011000903	5902134211664	200	6000
10x120	SM0IPHN011001203	5902134211657	200	6000
10x140	SM0IPHN011001403	5902134211640	200	6000
10x160	SM0IPHN011001603	5902134211633	200	6000
10x180	SM0IPHN011001803	5902134211626	200	6000
10x200	SM0IPHN011002003	5902134211619	200	6000
10x220	SM0IPHN001002203	5902134211602	100	3000
10x260	SM0IPHN011002603	5902134211596	100	3000

Other packaging types possible