

SMPCK001



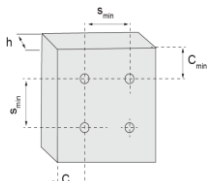
- *Unique identification code of the product-type:*
SMPCK
- *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
See annex 1 to this document
- *Intended uses of the construction product, in accordance with the applicable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

Intended use or uses of the construction product	
Generic type	Nailed-in plastic anchors for fixing of external thermal insulation composite systems with rendering in concrete
Base material	Concrete 12/15 to C50/60 Solid clay brick and solid calcium brick
Material: - Anchor sleeve - Expansion element	<ul style="list-style-type: none"> - Polyamide PA6, virgin material, light grey - Carbon steel ($f_{u,k} \geq 420$ MPa, $f_{y,k} \geq 320$ MPa) <ul style="list-style-type: none"> o Electro zinc plated ≥ 5 μm according to EN ISO 4042 o Zinc-flake coatings according to EN ISO 10683 - Stainless steel AISI 316 ($f_{u,k} \geq 600$ MPa, $f_{y,k} \geq 360$ MPa)
Temperature range	0° to +40°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. 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 - 12/0572 issued by	ITB Poland
Body nr	NB 1488
On the basis of	EAD 330196-01-0604
Certificate of Conformity issued by	ITB
Under System	2+

- Declared performance – Essential characteristics – Performances

		Installation parameters					
			Ø 5	Ø 6	Ø 8	Ø 10	
	d ₀	Nominal diameter of drill bit	[mm]	5	6	8	10
	L _a	Length plug	[mm]	30-50	35-80	45-140	80-160
	d _n	Diameter expansion element	[mm]	3,5	3,9	4,9	6,9
	L _s	Length expansion element	[mm]	35-55	40-85	50-145	85-165
	h _{ef}	Effective embedment depth	[mm]	≥ 25	≥ 30	≥ 40	≥ 50
	h ₁	Depth of drilled hole	[mm]	≥ 35	≥ 40	≥ 50	≥ 60
	h _{min}	Min. thickness of concrete member	[mm]	100			
	s _{min}	Minimum spacing	[mm]	100			
	c _{min}	Minimum edge distance	[mm]	100			

		Characteristic resistance to tension loads NRk in concrete and masonry for single anchors					
			Ø 5	Ø 6	Ø 8	Ø 10	
	Concrete C12/15 (A)	[kN]	0,45	0,55	0,65	1,40	
	Concrete C20/25 ÷ C50/60 (A)	[kN]	0,65	0,80	1,50	1,50	
	Clay bricks MZ ≥ 20N/mm ² (B)	[kN]	0,70	0,75	0,80	1,50	
	Solid Calcium silicate brick ≥ 20N/mm ² (B)	[kN]	0,70	0,70	0,80	1,50	
γ _M	Partial safety factor	[kN]	2,0				


- 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, 29/03/2019	<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	
5x30	SMOPCKN010500303	5902134711867	200
5x40	SMOPCKN010500403	5902134711881	200
5x50	SMOPCKN010500503	5902134711898	200
6x40	SMOPCKN010600403	5902134711386	200
6x50	SMOPCKN010600503	5902134711904	200
6x60	SMOPCKN010600603	5902134711911	200
6x80	SMOPCKN010600803	5902134711928	200
8x60	SMOPCKN010800603	5902134711942	100
8x80	SMOPCKN010800803	5902134711393	100
8x100	SMOPCKN010801003	5902134711409	100
8x120	SMOPCKN010801203	5902134711959	100
8x140	SMOPCKN010081403	5902134191041	100



Window box packing - Vensterdoos - Boîte à fenêtre

size	pgb code	EAN13	
5x30	SMOPCKN01050030E	5902134711966	100
5x40	SMOPCKN01050040E	5902134711980	100
5x50	SMOPCKN01050050E	5902134711997	100
6x40	SMOPCKN01060040E	5902134712000	100
6x50	SMOPCKN01060050E	5902134712017	100
6x60	SMOPCKN01060060E	5902134712024	100
6x80	SMOPCKN01060080E	5902134712031	100
8x60	SMOPCKN01080060E	5902134712055	50
8x80	SMOPCKN01080080E	5902134712062	50
8x100	SMOPCKN01080100E	5902134712079	50
8x120	SMOPCKN01080120E	5902134712086	50
8x140	SMOPCKN01080140E	?	?