

SMPKK001



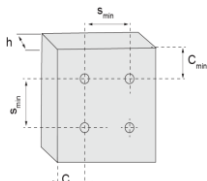
- *Unique identification code of the product-type:*
SMPKK
- *Type or serial number or any other element allowing identification of the construction product as required pursuant to Article 11(4):*
See annex 1 to this document
- *Intended uses of the construction product, in accordance with the applicable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

size	pgb code	EAN13	
5x30	SMOPKKN010500303	5902134709536	200
5x40	SMOPKKN010500403	5902134709543	200
5x50	SMOPKKN010500503	5902134709550	200
6x35	SMOPKKN010600353	5902134193267	200
6x40	SMOPKKN010600403	5902134709567	200
6x50	SMOPKKN010600503	5902134709574	200
6x60	SMOPKKN010600603	5902134709581	200
6x80	SMOPKKN010600803	5902134709598	200
8x45	SMOPKKN010800453	5902134709604	100
8x60	SMOPKKN010800603	5902134709611	100
8x80	SMOPKKN010800803	5902134709628	100
8x100	SMOPKKN010801003	5902134709635	100
8x120	SMOPKKN010801203	5902134709642	100
8x140	SMOPKKN010801403	5902134709659	100

size	pgb code	EAN13	
10x80	SMOPKKN011000803	5902134709666	50
10x100	SMOPKKN011001003	5902134709673	50
10x120	SMOPKKN011001203	5902134709680	50
10x140	SMOPKKN011001403	5902134709697	50
10x160	SMOPKKN011001603	5902134709703	50
6x30	SMOPKKN200600303	5902134711416	200
6x40	SMOPKKN200600403	5902134709710	200
6x50	SMOPKKN200600503	5902134709727	200
6x60	SMOPKKN200600603	5902134709734	100
6x80	SMOPKKN200600803	5902134709741	100
8x60	SMOPKKN200800603	5902134709758	100
8x80	SMOPKKN200800803	5902134709765	100
8x100	SMOPKKN200801003	5902134709772	100




Window box packing - Vensterdoos - Bolte à fenêtre

size	pgb code	EAN13	
5x30	SMOPKKN01050030E	5902134704852	100
5x40	SMOPKKN01050040E	5902134704869	100
5x50	SMOPKKN01050050E	5902134704876	100
6x40	SMOPKKN01060040E	5902134704883	100
6x60	SMOPKKN01060060E	5902134704890	50
6x80	SMOPKKN01060080E	5902134704913	50
8x45	SMOPKKN01080045E	5902134704920	50
8x60	SMOPKKN01080060E	5902134704937	50
8x80	SMOPKKN01080080E	5902134704944	50
8x100	SMOPKKN01080100E	5902134704951	50
8x120	SMOPKKN01080120E	5902134704968	50
8x140	SMOPKKN01080140E	5902134704975	50
10x80	SMOPKKN01100080E	5902134704982	50
10x100	SMOPKKN01100100E	5902134704999	25
10x120	SMOPKKN01100120E	5902134705002	25
10x140	SMOPKKN01100140E	5902134705019	25
10x160	SMOPKKN01100160E	5902134705026	25




Carton box packing - Kartonverpakking - Bolte carton

size	pgb code	EAN13	
6x40	SMOPKKN200600403	5902134709710	200
6x60	SMOPKKN200600603	5902134709734	100
6x80	SMOPKKN200600803	5902134709741	100
8x60	SMOPKKN200800603	5902134709758	100
8x80	SMOPKKN200800803	5902134709765	100
8x100	SMOPKKN200801003	5902134709772	100



PRO-box

size	pgb code	EAN13	
6x40	SMOPKKN01060040D	5902134723525	850
6x60	SMOPKKN01060060D	5902134723532	650
6x80	SMOPKKN01060080D	5902134723549	500
8x60	SMOPKKN01080060D	5902134723556	370
8x80	SMOPKKN01080080D	5902134723563	300
8x100	SMOPKKN01080100D	5902134723570	250
8x120	SMOPKKN01080120D	5902134723587	250