

PRODUCT DATA SHEET – KGM/KSGM/KMGM

Section 1. PRODUCT DESCRIPTION

GYP SUM TO STEEL SCREW – KGM/KSGM/KMGM

Screws for fastening drywalls to timber substrates in interior applications, made of low carbon steel with phosphate finish. Screws have countersunk head which ensures flush fitting of the screw in the installed member. The thread design guarantees reliable and durable fixing to steel substrate (thickness to 0.75mm). Its sharp point makes for a quick start installation. The head has PH-2 drive providing for installation with the use of impact torsion bits.

Types of substrates on which screw KGM/KSGM/KMGM can be installed:

- Steel substrate – with thickness of up to 0.75mm

Screws conform to European standard: PN-EN 14566

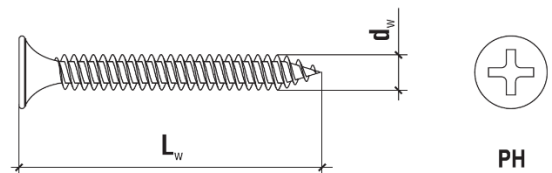


Section 2. METHOD OF INSTALLATION

1. Original screws delivered by the manufacturer can be used only
2. Before installation identify a substrate in which the screw will be installed and compare loads which the screw will carry to the resistance values
3. Select adequate screw length, depending on thickness of plasterboard being fixed
4. Keep recommended distances from substrate edges (at least 1.5cm) and axial distances between screws (no more than 25cm)
5. Fixing is executed using cordless or manual screwdriver, without hole pre-drilling
6. Head of the screw should be slightly immersed into plasterboard. Screw which is applied incorrectly (too shallow, too deep or installed askew) should be removed and installed in other point

Section 3. TECHNICAL DATA

RESISTANCE			
Code and size	Zinc plated sheet thickness [mm]	Design pull-out resistance [kN]	Design shear load resistance [kN]
KGM/KSGM/KMGM – 3,5 x L	0,60	0,40	0,82
	0,75	0,63	1,21
KGM/KSGM/KMGM – 4,2 x L	0,60	0,44	0,89
	0,75	0,73	1,52
KGM/KSGM/KMGM – 4,8 x L	0,60	0,51	0,89
	0,75	0,81	1,43



SELECTION TABLE						
Bulk packaging		Medium-size		Small-size		Diameter and length
Code	[kg]	Code	[pcs]	Code	[pcs]	dw x Lw [mm]
KGM-35025	10	KSGM-35025	1000	KMGM-35025	200	3,5 x 25
KGM-35035	10	KSGM-35035	1000	KMGM-35035	200	3,5 x 35
KGM-35045	10	KSGM-35045	500	KMGM-35045	100	3,5 x 45
KGM-35055	10	KSGM-35055	500	KMGM-35055	100	3,5 x 55
KGM-42070	10	KSGM-42070	250	KMGM-42070	50	4,2 x 70
KGM-42090	10	KSGM-42090	250	KMGM-42090	50	4,2 x 90
KGM-48100	10	KSGM-48100	200	KMGM-48100	25	4,8 x 100
KGM-48120	10	KSGM-48120	200	KMGM-48120	25	4,8 x 120

Section 4. REMARKS

1. All previous versions of this Product Data Sheet shall cease to be valid
2. Data given in this Product Data Sheet is in accordance with current knowledge and published in good faith. KLIMAS Sp. z o.o. is not responsible for correctness and quality of the fixing if recommendations regarding method of use and installation are not followed.