

PRODUCT DATA SHEET – KSSG/KMSG

Section 1. PRODUCT DESCRIPTION

GYPSUM TO STEEL SELF-DRILLING SCREW – KSSG/KMSG

Self-drilling 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 secure and durable fixing in steel substrates. Its sharp tip makes for a quick start installation. The self-drilling tip ensures penetration of sheets up to 2.5mm thick. The head has PH-2 drive providing for installation with the use of impact torsion bits.

Types of substrates on which screw KSSG/KMSG can be installed:

- Steel substrate – with thickness of up to 2.50 mm

Screws conform to European standard: PN-EN 14566

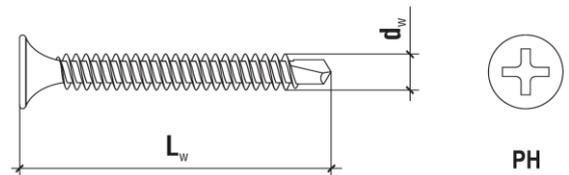


Section 2. METHOD OF INSTALLATION

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]
KSSG/KMSG – 3,5 x L	0,60	0,34	0,85
	1,00	0,72	2,24
	1,25	1,04	2,99



SELECTION TABLE					
Medium-size		Small-size		Drilling capacity	Diameter and length
Code	[pcs]	Code	[pcs]	[mm]	$d_w \times L_w$ [mm]
KSSG-35025	1000	KMSG-35025	200	2,5	3,5 x 25
KSSG-35035	1000	KMSG-35035	100	2,5	3,5 x 35
KSSG-35045	500	KMSG-35045	100	2,5	3,5 x 45

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.