

PRODUCT DATA SHEET – KGD/KSGD/KMGD

Section 1. PRODUCT DESCRIPTION

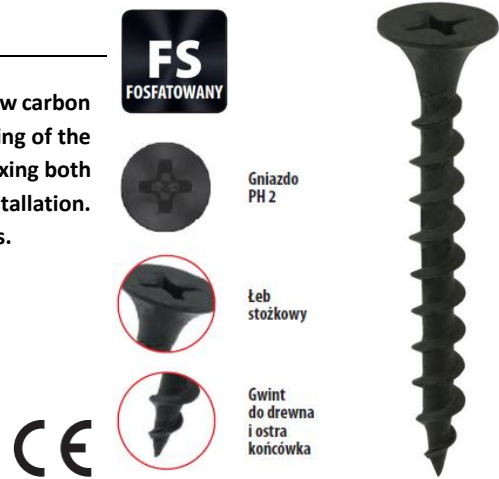
GYPSUM TO WOOD SCREW – KGD/KSGD/KMGD

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 both to timber and wood-based products. 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 KGD/KSGD/KMGD can be installed:

- Timber substrate
- Wood-based material

Screws conform to European standard: PN-EN 14566

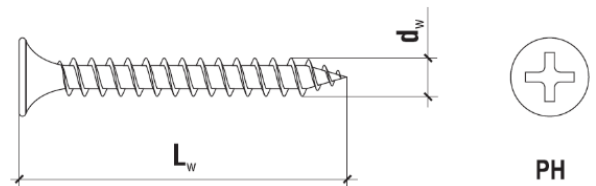


Section 2. METHOD OF INSTALLATION

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 | Anchorage depth [mm] | Design pull-out resistance [kN] | Design shear load resistance [kN] |
| KGD/KSGD/KMGD – 3,5 x L | 30 | 1,77 | 0,63 |
| | 15 | 1,11 | 0,61 |
| KGD/KSGD/KMGD – 4,2 x L | 35 | 2,05 | 1,10 |
| | 18 | 1,15 | 0,96 |
| KGD/KSGD/KMGD – 4,8 x L | 40 | 3,17 | 1,10 |
| | 20 | 1,57 | 0,96 |



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