KLIMAS Sp. z o.o. ul. W. Witosa 135/137
Kuźnica Kiedrzyńska 42-233 Mykanów
tel. +48 34 377 71 00, fax. +48 34 328 01 73 Hotline: 801 477 477, www.wkret-met.com

PRODUCT DATA SHEET – W-KPR-08/10/12

Section 1. PRODUCT DESCRIPTION

FRAME EXPANSION PLUG PLASTIC SLEEVE – W-KPR-08/10/12

POLISH PRODUCER

Frame expansion plug plastic sleeve W-KPR is made of polyamide. It is used for fixing of members on most of building substrates. It has special lugs which keep the sleeve in place when screwing in the screw and provide pre-fastening in the substrate.

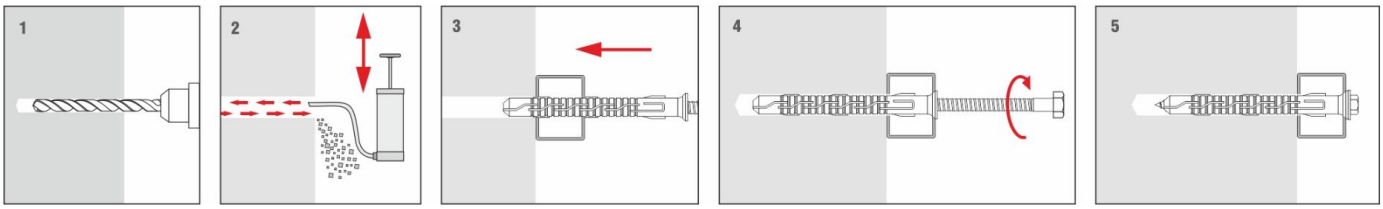


Types of substrates on which plastic sleeve W-KPR can be installed:

- **Concrete**
- **Solid clay brick and sand-lime brick**
- **Hollow clay brick and sand-lime brick**
- **Lightweight concrete blocks**
- **Autoclaved aerated concrete**

Section 2. METHOD OF INSTALLATION

1. Original sleeves delivered by the manufacturer can be used only
2. Before fastening identify the substrate on which sleeve will be installed
3. Select an adequate length of the sleeve so that expansion zone is in the construction material of the wall (thickness of member being fixed matches max. usable length of the sleeve)
4. Use proper method of drilling according to a substrate type (holes in brickwork substrate made of hollow or autoclaved aerated concrete blocks should be drilled using a drill without impact)
5. Diameter of drilled holes should match diameter of the sleeves used
6. Drilled holes in substrates of solid materials should be deeper by min. 10mm compared to the sleeve anchorage depth
7. Clean the holes in solid materials of drillings with a back and forth motion of the drill at a reduced speed and using a PCF pump
8. Then insert the sleeve into a drilled hole through the member being fixed, and drive the matched screw until it completely penetrates the sleeve (push-through installation)
9. The sleeve is not a structural element

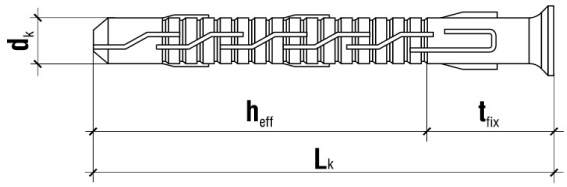


Section 3. TECHNICAL DATA

SELECTION TABLE					
Product code	Sleeve diameter and length	Recommended screw diameter	Min. anchorage depth	Min. depth of drilled hole	Number of pieces in a bag
	d_k x L_k [mm]	d_w [mm]	h_{eff} [mm]	h_0 [mm]	[pcs]
W-KPR-08065*	8x65	6	60	70	50
W-KPR-08080	8x80	6	70	80	50
W-KPR-08100	8x100	6	70	80	50
W-KPR-08120	8x120	6	70	80	50
W-KPR-08140	8x140	6	70	80	50
W-KPR-10080	10x80	7	70	80	50
W-KPR-10100	10x100	7	70	80	50
W-KPR-10120	10x120	7	70	80	50
W-KPR-10140	10x140	7	70	80	50
W-KPR-10160	10x160	7	70	80	25
W-KPR-10180	10x180	7	70	80	25
W-KPR-10200	10x200	7	70	80	25

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Updated: 2021-10-21

W-KPR-10230	10x230	7	70	80	25
W-KPR-12100	12x100	8	70	80	25
W-KPR-12120	12x120	8	70	80	25
W-KPR-12140	12x140	8	70	80	25
W-KPR-12160	12x160	8	70	80	25
W-KPR-12180	12x180	8	70	80	25
W-KPR-12200	12x200	8	70	80	25



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.

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