

## Section 1. PRODUCT DESCRIPTION

### SCREWED-IN HELICAL FASTENER FOR FIXING TO POLYSTYRENE INSULATION – WK-DS

Plastic screwed-in helical fasteners for fixing to polystyrene insulation WK-DS are intended for fixing lightweight non-structural components (max. 5 kg/piece) on polystyrene insulation walls. Recommended for fixing elements such as signboards, building numbers, mailboxes, lighting fixtures, motion sensors, etc.

Screwed-in fasteners keep continuity of the thermal insulation in the installation spot, and eliminate thermal bridges. Fasteners are made from high-quality polyamide to ensure resistance to changing weather conditions.

Fasteners are fixed together with screw of 4.5mm diameter. Fasteners are not suitable for structural attachments or elements exposed to large dynamic forces (shutters, blinds, shades, etc.).



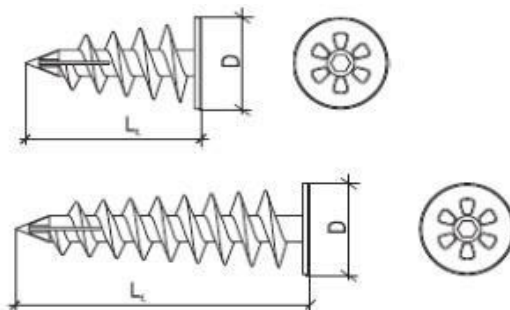
## Section 2. METHOD OF INSTALLATION

1. Before installation on the façade mark installation spots for fasteners
2. It is recommended to follow two methods installation:
  - screw in the fastener in thermal insulation layer before adhesive and reinforcing mesh are applied
  - drill holes in the layer of applied adhesive and reinforcing mesh and the plaster using drill bit for work in concrete, and then screw in the fastener in the thermal insulation layer
3. Screw in the fastener using screw gun and TORX-30 bit
4. In the fastener as installed, screw in screw  $\varnothing$  4.5mm (not supplied) to fix the element on the façade

## Section 3. TECHNICAL DATA

TECHNICAL PARAMETERS		
Parameter	Unit	Value
Plate diameter	D [mm]	28
Fastener length	L <sub>w</sub> [mm]	50/85*
Socket type	[-]	TORX-30
Screw diameter	[mm]	4.5
Number of pieces in a box	[pcs]	10/10*

\*WK-DS 50/ WK-DS 85



## 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.