

PS WINDOW SCREWS FOR PLASTIC AND METAL FRAMES

PRODUCT DESCRIPTION

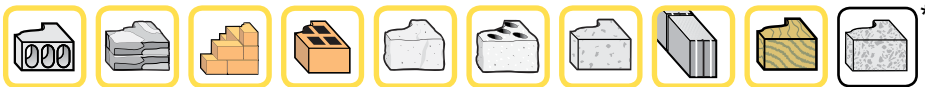
- Window screws with flat head for metal and plastic frames
- Zinc plated with T30 torx recess and self-tapping thread
- Stress-free fastening without additional plugs
- Only a 6mm diameter drill required (6.5mm for extra hard brick or extra hard concrete)
- No pre-drilling necessary for aggregate concrete

GENERAL APPLICATIONS AND USES

- Plastic and metal window frames



BASE MATERIAL: IDEAL FOR MASONRY



* Also suitable for

Cat No.	Description	Drill Dia. * [mm]	Thread Size [mm]	Length [mm]	TORX [mm]	Max t_{fix} [mm]	Box Quantity	Carton Quantity
DFM3510250	PS 7.5x72 - Window Screw (Plastic Frame)		6.5 x 7.5 x 72		T30	42	1x100	4x100
DFM3510300	PS 7.5x92 - Window Screw (Plastic Frame)		6.5 x 7.5 x 92		T30	62	1x100	4x100
DFM3510350	PS 7.5x112 - Window Screw (Plastic Frame)		6.5 x 7.5 x 112		T30	82	1x50	4x50
DFM3510400	PS 7.5x132 - Window Screw (Plastic Frame)		6.5 x 7.5 x 132		T30	102	1x50	4x50
DFM3510450	PS 7.5x152 - Window Screw (Plastic Frame)		6.5 x 7.5 x 152		T30	122	1x50	4x50
DFM3510500	PS 7.5x182 - Window Screw (Plastic Frame)		6.5 x 7.5 x 182		T30	152	1x50	4x50

* For 6.5mm extra hard brick or extra hard concrete

INSTALLATION INSTRUCTIONS

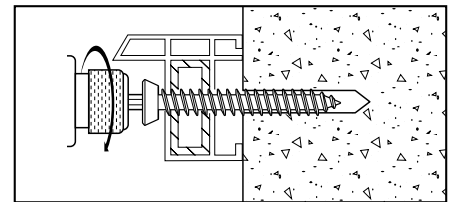
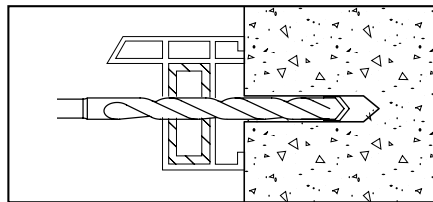
Minimum Spacing [mm]

120

Minimum Edge Distance* [mm]

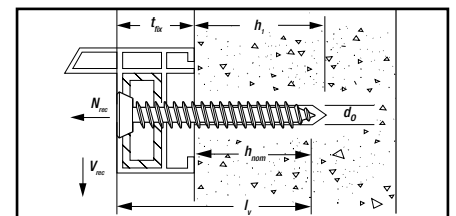
30

* Published loads apply when edge distances greater than 80mm.



RECOMMENDED LOAD

Description	C20 / 25				
	h_{nom} [mm]	h_1 [mm]	t_{fix} [mm]	N_{rec} [kN]	V_{rec} [kN]
PS 7.5x72 - Window Screw (Plastic Frame)	40	50	32	0.6	0.6
PS 7.5x92 - Window Screw (Plastic Frame)	40	50	52	0.6	0.6
PS 7.5x112 - Window Screw (Plastic Frame)	40	50	72	0.6	0.6
PS 7.5x132 - Window Screw (Plastic Frame)	40	50	92	0.6	0.6
PS 7.5x152 - Window Screw (Plastic Frame)	40	50	112	0.6	0.6
PS 7.5x182 - Window Screw (Plastic Frame)	40	50	142	0.6	0.6



$$\frac{N_{Rk}}{\gamma_M \cdot \gamma_F} = N_{rec}$$

$$\gamma_M = 2.1 \quad \gamma_F = 1.4$$

Recommended loads are based on the simplified design method according to ETAG 001, Annex C and are valid for one anchor. For Design loads multiply by the factor γ_F .

MATERIAL SPECIFICATION

1022 Carbon Steel, min. 5 microns zinc plating.