

FRAME ANCHOR



16.11 PRODUCT DATA

Head Types:

- Countersunk Head
- Hex Head

Material Coating:

- Yellow Zinc Plated
- Galvanised

16.12 PRODUCT DESCRIPTION

The Macsim Nylon Frame Anchor is a one piece plug with the screw guide. The plug is expanded by turning the screw into the plug after through fixing the entire assembly. The anchor is designed for the fixing of door/ window frames to prevent distortion.

16.14 APPLICATIONS

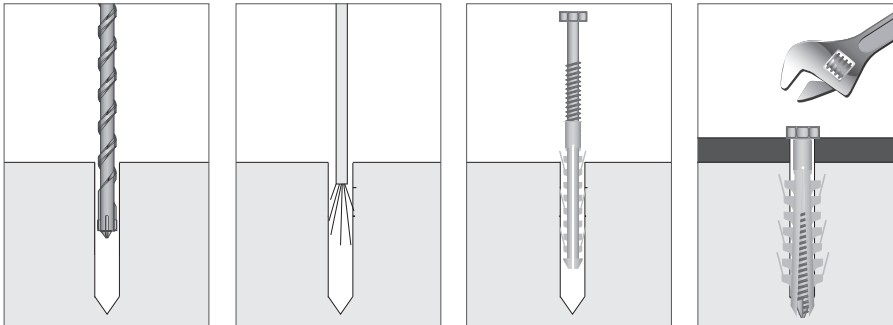
- Used for Medium Duty Loads
- Window/ Door Frames

16.13 INSTALLATION METHOD

1. Drill correct diameter hole through the component and into the base at least as deep as the overall plug length.
2. Insert the Frame Plug and Screw assembled into the hole. Turn the screw until head sits within the plug flange.
3. The plug will not draw in component, it is designed to securely lock in a 'stand off' position. Over tightening will damage the plug.

16.15 ADVANTAGES

- Prevents Distortion



CODE	Size (mm)	Hole Diameter (mm)	Embedment Depth (mm)	Max. Fasten Thickness (mm)
16FA06060	6 x 60	6	35	25
16FA06080	6 x 80	6	35	45
16FA08080	8 x 80	8	40	40
16FA10080	10 x 80	10	50	30
16FA10100	10 x 100	10	50	50
16FA10120	10 x 120	10	50	70
16FA10140	10 x 140	10	50	90
16FA10160	10 x 160	10	50	110
16FA10180	10 x 180	10	50	130

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16.16 MATERIAL SPECIFICATIONS

CODE	Size (mm)	Screw Diameter (mm)	Hex/ Csk. Screw Spec	Plug
16FA06060	6 x 60	n/a	n/a	Polymide PA 6
16FA06080	6 x 80	n/a	n/a	Polymide PA 6
16FA08080	8 x 80	n/a	n/a	Polymide PA 6
16FA10080	10 x 80	7	5.8 Steel ZP	Polymide PA 6
16FA10100	10 x 100	7	5.8 Steel ZP	Polymide PA 6
16FA10120	10 x 120	7	5.8 Steel ZP	Polymide PA 6
16FA10140	10 x 140	7	5.8 Steel ZP	Polymide PA 6
16FA10160	10 x 160	7	5.8 Steel ZP	Polymide PA 6
16FA10180	10 x 180	7	5.8 Steel ZP	Polymide PA 6

16.17 TECHNICAL PERFORMANCE

CODE	Size (mm)	Advisory SWL Tension Min. Concrete (N)	Advisory SWL Tension Min. Brick (N)	Advisory SWL Tension Light Agg. (N)	Advisory SWL Shear (N)
16FA06**	6	280	280	250	n/a
16FA08**	8	700	600	300	n/a
16FA10**	10	1000	850	350	1400