

WP NYON WING PLUG



FEATURES

- Does not rotate when tightening especially in gas concrete.
- Accept ordinary wood screws with many head profiles.
- Nylon will not deform over time.
- Easy to set or remove for temporary fixings.
- High retention force.

APPLICATIONS

- Ideal for light fittings and bathroom fixtures.
- Recommended for picture frame or general decorative fixtures.
- Fixings of skirting, curtain track, cabinet, shelves and wardrobe.

RANGE OF LOADING

Up to 2.3 KN



Light loads

BASE MATERIALS



Concrete



Concrete block
solid stone



Solid brick

► ORDERING DETAILS

ANCHOR SIZE	RECOMMENDED SCREW DIAMETER (mm)	PACKING CONTENT (PCs.)	PRODUCT PART NO.
M6 x 30	4.0 ~ 5.0	500	WPM6
M8 x 40	4.5 ~ 6.0	1,000	WPM8
M10 x 50	6.0 ~ 8.0	500	WPM10
M12 x 60	8.0 ~ 10.0	500	WPM12
M14 x 70	10.0 ~ 12.0	500	WPM14



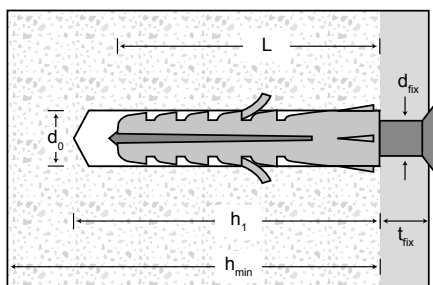
► INSTALLATION PERIMETER & LOADING DATA

ANCHOR SIZE	ANCHOR LENGTH L	DRILLED HOLE DIAMETER (mm) d_o	MINIMUM HOLE DEPTH (mm) h_1	MINIMUM CONCRETE THICKNESS (mm) h_{min}	ABSOLUTE MINIMUM SPACING & EDGE DISTANCE (mm)		RECOMMENDED LOAD (kN)					
							CONCRETE ¹		SOLID BRICK ²		AAC BLOCKWORK ³	
							TENSION	SHEAR	TENSION	SHEAR	TENSION	SHEAR
M6	30	6	40	50	40	40	0.40	0.35	0.35	0.32	0.05	0.20
M8	40	8	50	60	50	50	0.65	0.50	0.60	0.45	0.07	0.30
M10	50	10	60	75	60	60	1.20	0.95	0.70	0.80	0.16	0.45
M12	60	12	80	95	80	80	1.80	1.20	0.80	1.00	0.25	0.50
M14	70	14	85	100	85	85	2.30	1.50	1.00	1.20	0.40	0.70

¹ Loading based on non-cracked concrete, $f_{ck,cube} = 25 \text{ N/mm}^2$ (C20/25).

^{2 & 3} Load test is recommended to verify anchor performance on actual substrate.

► SETTING DIAGRAM



► INSTALLATION PROCEDURE

