

Technical Data Sheet

Ref: TDS-02-PLU-03

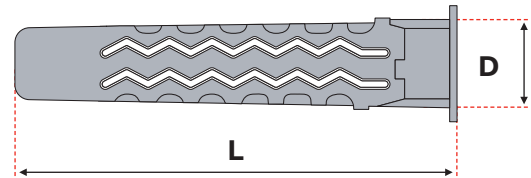
Masonry & Cavity Fixings

Nylon Universal Plugs

Features

- Versatile plugs manufactured from durable nylon.
- Superior performance in both hollow or solid materials.
- Perfect for applications where there is uncertainty with regards to the type of base material.
- NOTE: It may be beneficial to reduce drill diameter in soft materials.
- Also available in other package types.

Dimensional Data



Product Code	Size Ø (D)	Length (L)
224411	6.0	30
224209	8.0	40
224186	10.0	50

All stated figures (mm) are approx and for reference only.

Performance Data

Substrate	Concrete $\geq 25\text{N/mm}^2$			Plasterboard 12.5 Thickness **		
	6 x 30	8 x 40	10 x 50	6 x 30	8 x 40	10 x 50
Plug Size (mm)	6 x 30	8 x 40	10 x 50	6 x 30	8 x 40	10 x 50
Drill Hole Ø (mm)	6	8	10	6	8	10
Drill Hole Depth (mm)	40	50	60	-	-	-
Test Screw Size (mm)	4.5 x 40	5.0 x 50	6.0 x 60	3.5 x 40	4.0 x 50	4.5 x 70
Rec. Pull Out Load (kN)	0.08	0.39	0.90	0.03	0.08	0.12
Max Rec. Load (kg)	8	39	90	3	8	12
Rec. Screw Ø (mm)	4.0 - 4.5	4.5 - 5.0	5.0 x 6.0	3.5	4.0	4.5
Min. Req. Screw Length (mm) *	30	40	50	40	50	60

All stated figures are for reference only and to be used as a guideline. Test data stated is for reference only as this may not represent the actual figures you may achieve in application.

* When selecting screw length, add thickness of fixture to 'Min required screw length'.

** We do not recommend the use of power tools when fixing to plasterboard.