



Bremplug™ Nylon Wall Plugs provide a cost effective fastening solution for a variety of light duty fastening applications in to concrete and masonry.

Bremplug™ Nylon Wall Plugs are manufactured from high quality nylon and consist of a nylon sleeve with longitudinal expansion slots, radial grooving for enhanced friction hold and integral anti spin lugs.

Bremplug™ Nylon Wall Plugs are to be used with **Bremick 8 and 10g timber screws**. Expansion is achieved by driving the timber screw in to the **Bremplug™** which expands the sleeve generating controlled friction grip between the sleeve and the base material.

APPLICATIONS

Versatile, high quality plastic anchor for light duty applications in concrete, masonry and stone and light weight blocks. To be used in conjunction with Bremick timber screws.

FEATURES

- Simple installation
- Good resistance to turning when setting
- Removable
- Through fastening
- Economic

ANCILLARY PRODUCTS SCREWS

Stainless steel self tapping Gauges 5–12
(Bremick Stainless steel book refers)
Chip board screws gauges 8-10
For all other head configurations see
Bremick Screws & Rivets Product Catalogue.

CLEANING TOOLS

Please refer to the Chemical Injection System section of this book.

SUGGESTED SPECIFICATION

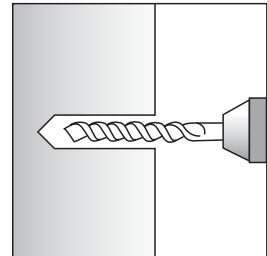
Nylon Wall Plugs

The anchors used shall be nylon wall plugs that are to be used in conjunction with Self drilling screws. The wall plug shall consist of a one piece nylon plug with longitudinal expansion slots and radial friction grooves. Installation shall be in accordance with the manufactures recommendations and all anchors shall be sourced from Bremick Pty Ltd.

SETTING INSTRUCTIONS

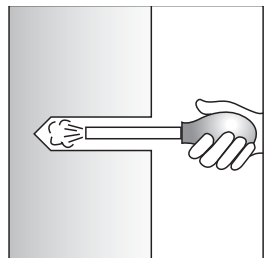
1: Drill

Drill hole in base material to specified diameter and depth.



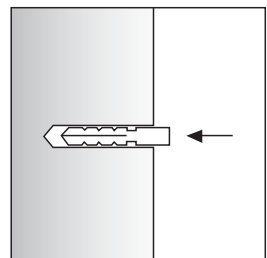
2: Clean

Blow out dust and drilling fragments. Alternatively drill hole 5mm deeper.



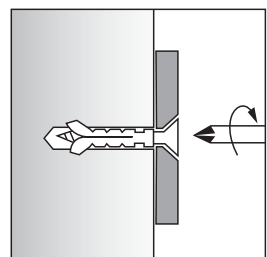
3: Insert

Insert wall plug into hole until flush with surface.



4: Set

Mount fixture and Fasten by driving the Bremick screw firmly into the wall plug until flush setting.





Hole/Drill Diameter (mm)	Anchor Length (mm)	Hole Depth (mm)	Wood Screw Gauge	Std Pack	Product Code
5	25	25	5-7G	100	PWPMN050252
6	30	30	6-9G	100	PWPMN060302
7	35	35	9-12G	100	PWPMN070352
8	40	40	10-14G	100	PWPMN080402
10	50	50	14-18G	50	PWPMN100502
12	60	60	18-24G	25	PWPMN120602

INSTALLATION DETAILS

FASTENER DETAILS			INSTALLATION DETAILS					Phillips Driver
Anchor/Drill Diameter	Screw Gauge	Anchor Length	Effective Embedment Depth	Minimum Base Material Thickness	Maximum Fixture Thickness	Clearance Hole Diameter (Fixture)	Installation Torque	
D _o (mm)	D (mm)	L (mm)	h _t (mm)	h _{min} (mm)	t _{fix} (mm)	D _c (mm)	T _{inst} (Nm)	
5	5-7g	25	25	35	N/A	5	5	N/A
6	6-9g	30	30	40	N/A	6	5	N/A
7	9-12g	35	35	45	N/A	7	5	N/A
8	10-14g	40	40	50	N/A	8	5	N/A
10	14-18g	50	50	65	N/A	10	5	N/A
12	18-24g	60	60	75	N/A	12	5	N/A

PERFORMANCE DATA - CONCRETE & MASONRY (RECOMMENDED LOADS)

INSTALLATION DETAILS		RECOMMENDED LOADS IN CONCRETE (Nrec,c/ Vrec,c)									
Hole/Drill Diameter (mm)	Embedment Depth (mm)	25MPa Concrete (fc)		32MPa Concrete (fc)		Solid Brick (fc)		15 MPa Block (fc)		Aerated Block (fc)	
		Tension (NRukc) KN	Shear (VRukc) KN	Tension (NRukc) KN	Shear (VRukc) KN	Tension (NRukc) KN	Shear (VRukc) KN	Tension (NRukc) KN	Shear (VRukc) KN	Tension (NRukc) KN	Shear (VRukc) KN
5	25	0.27	0.39	0.31	0.44	0.35	0.50	0.19	0.28	0.13	0.19
6	30	0.48	0.41	0.54	0.46	0.61	0.52	0.34	0.29	0.23	0.19
7	35	0.59	0.55	0.67	0.63	0.76	0.71	0.42	0.39	0.28	0.26
8	40	0.88	0.63	1.00	0.71	1.13	0.81	0.62	0.44	0.42	0.30
10	50	1.08	0.98	1.23	1.11	1.39	1.26	0.76	0.69	0.52	0.47
12	60	1.62	1.18	1.85	1.34	2.09	1.52	1.15	0.83	0.78	0.56

For further performance data, including Characteristic, Working Stress, Limit State Design Values and design data please refer to our Web Site www.bremick.com.au