



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

**Bremplug™ PVC Wall Plugs** are manufactured from PVC and consist of a PVC sleeve with longitudinal grooving for enhanced friction hold.

**Bremplug™ PVC 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 and economical anchor for light duty applications in concrete, masonry and stone to be used in conjunction with Bremick chipboard screws.

## FEATURES

- Simple installation
- Versatile
- Removable
- Through fastening

## ANCILLARY PRODUCTS SCREWS

Stainless steel self tapping Gauges 4–14  
(*Bremick Stainless steel book refers*)  
Chip board screws gauges 8-10  
See *Bremick Screws and Rivets Product Catalogue*.

## CLEANING TOOLS

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

## SUGGESTED SPECIFICATION

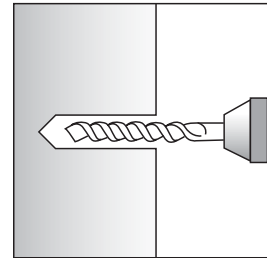
### PVC Wall Plugs

The anchors used shall be PVC 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 friction grooves. Installation shall be in accordance with the manufactures recommendations and all anchors shall be sourced form Bremick Pty Ltd.

## SETTING INSTRUCTIONS

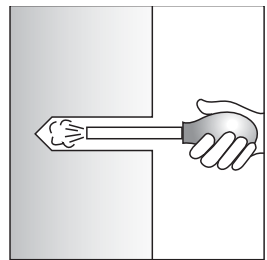
### 1: Drill

Drill hole in base material to specified diameter and depth.



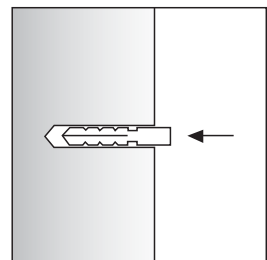
### 2: Clean

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



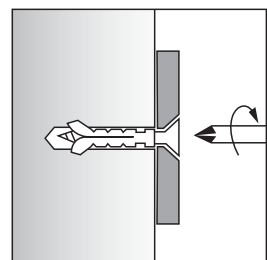
### 3: Insert

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.





**FRAME PACKS**

Hole/Drill Diameter (mm)	Colour	Anchor Length (mm)	Hole Depth (mm)	Wood Screw Gauge	Std Pack	Product Code
5	White	25	25	4.5-6G	500	PWPMF050252
		35	35			PWPMF050352
6	Red	25	25	8-9G	500	PWPMF060252
		35	35			PWPMF060352
7	Green	25	25	10-12G	500	PWPMF070252
		35	35			PWPMF070352
8	Blue	25	25	14-16G	500	PWPMF080252
		35	35			PWPMF080352

For Screws refer to the Bremick Screws & Rivets Book.

**INSTALLATION DETAILS**

Colour Code	FASTENER DETAILS			INSTALLATION DETAILS					
	Anchor/ Drill Diameter	Screw Gauge	Anchor Length	Effective Embedment Depth	Minimum Base Material Thickness	Maximum Fixture Thickness	Clearance Hole Diameter (Fixture)	Installation Torque	Phillips Driver
	D <sub>o</sub> (mm)	D (mm)	L (mm)	h <sub>t</sub> (mm)	h <sub>min</sub> (mm)	t <sub>fix</sub> (mm)	D <sub>c</sub> (mm)	T <sub>inst</sub> (Nm)	
White	5	4.5-6g	25	25	35	N/A	5	5	N/A
			35	35	45	N/A	5	5	N/A
Red	6	8-9g	30	30	40	N/A	6	5	N/A
			35	35	45	N/A	6	5	N/A
Green	7	10-12g	35	35	45	N/A	7	5	N/A
			35	35	45	N/A	7	5	N/A
Blue	8	14-16g	40	40	50	N/A	8	5	N/A
			35	35	45	N/A	8	5	N/A

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](http://www.bremick.com.au)



**PERFORMANCE DATA - CONCRETE & MASONRY (RECOMMENDED LOADS)**

INSTALLATION DETAILS			LIMIT STATE DESIGN - DESIGN CAPACITIES IN CONCRETE (NRD,c ,VRD ,c)									
Hole/ Drill Diameter	Colour	Embedment Depth	25MPa Concrete (fc)		32MPa Concrete (fc)		Solid Brick (fc)		15 MPa Block (fc)		Aerated Block (fc)	
(mm)		(mm)	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	White	<b>25</b>	0.16	0.24	0.18	0.27	0.20	0.31	0.11	0.17	0.07	0.12
		<b>35</b>	0.17	0.24	0.19	0.27	0.22	0.31	0.12	0.17	0.08	0.12
6	Red	<b>30</b>	0.27	0.27	0.30	0.31	0.34	0.35	0.19	0.19	0.13	0.13
		<b>35</b>	0.29	0.27	0.33	0.31	0.37	0.35	0.21	0.19	0.14	0.13
7	Green	<b>35</b>	0.55	0.40	0.63	0.46	0.71	0.52	0.39	0.28	0.26	0.19
		<b>35</b>	0.63	0.40	0.71	0.46	0.81	0.52	0.44	0.28	0.30	0.19
8	Blue	<b>40</b>	0.63	0.50	0.71	0.57	0.81	0.65	0.44	0.36	0.30	0.24
		<b>35</b>	0.69	0.50	0.78	0.57	0.89	0.65	0.49	0.36	0.33	0.24

All above Values are Design Values for anchors installed in concrete and masonry with anchors installed at characteristic embedment depths, as shown and are valid for products supplied by Bremick Pty only.

Recommended Loads have been derived with a Safety factor of 4.

All Shear Values are Single Shear.