



Bremick Cavity Wall Anchor is a steel fastener for secure fastening into hollow blocks, cavity wall and plaster boards up to 23mm thick and can be set using a screw driver or a preparatory **Setting Tool**. The **Cavity Wall Anchor** is a two piece, preassembled unit consisting of a fully threaded bolt inserted into a collapsible steel sleeve threaded at one end and with a broad serrated flange head that provides a flush firm seating. Once inserted the sleeve is collapsed by the application of torque with a screw driver or by drawing the screw with a **Setting Tool**. The fixture is secured behind the base material by the collapsed sleeve resulting in a secure interlocking fastener.

APPLICATIONS

Light duty fastenings to drywall panels, plaster board, timber boards and hollow blocks.

FEATURES

- Fully assembled fastening
- Fast installation
- Maximum holding power in thin boards
- Secure force controlled expansion
- Through fastening
- Flush setting with low profile screw head

ANCILLARY PRODUCTS SETTING TOOL

For further information refer to the relevant section of this book.

SUGGESTED SPECIFICATION

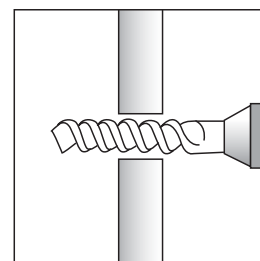
Cavity Wall Anchors

The anchors used shall be cavity wall anchors that are to be installed by means of a proprietary setting tool. The cavity wall anchors shall consist of a one piece, zinc plated, carbon steel anchor consisting of a collapsible expansion sleeve and a fully threaded bolt. Installation shall be in accordance with the manufactures recommendations and all anchors shall be sourced from Bremick Pty Ltd.

SETTING INSTRUCTIONS

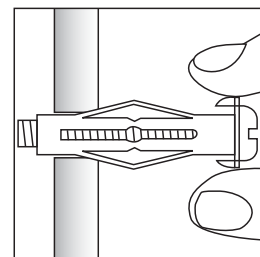
1: Drill

Drill 6.5 mm Diameter hole through base material.



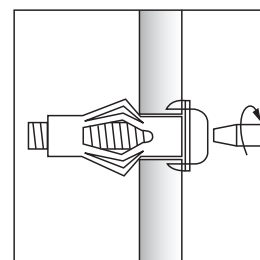
2: Insert

Insert anchor in to predrilled hole and push into base material to engage teeth.



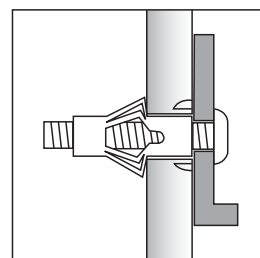
3: Set

Set anchor with a screw driver or setting tool to expand locking mechanism.



4: Fasten

Remove screw from anchor, mount fixture, reinsert screw into fastener, tighten with screw driver.



**ZINC PLATED
AS1789**

Hole/Drill Diameter (mm)	Screw Thread Diameter (mm)	Anchor Length (mm)	Grip Range (mm)	Std Pack	Product Code
8	4	25	0-5	100	AHWMZ040052
		38	3-11		AHWMZ040112
		52	8-16		AHWMZ040162
		65	16-23		AHWMZ040232

SETTING TOOL

Description	Std Pack	Product Code
Hollow wall anchor setting tool	1	TMAHWST0012

INSTALLATION DETAILS

FASTENER DETAILS			INSTALLATION DETAILS					
Anchor/ Drill Diameter	Thread Size	Anchor Length	Grip Range	Minimum Base Material Thickness	Maximum Fixture Thickness	Clearance Hole Diameter (Fixture)	Installation Torque	Phillips Driver
D _o (mm)	D (mm)	L (mm)	min to max (mm)	h _{min} (mm)	t _{fix} (mm)	D _c (mm)	T _{inst} (Nm)	
8	M4	25	0 to 5	4	1	8	5	PH2/Slot
		38	3 to 11	4	7	8	5	PH2/Slot
		52	8 to 16	8	18	8	5	PH2/Slot
		65	16 to 23	10	13	8	5	PH2/Slot

PERFORMANCE DATA - GYPSUM/PLASTERBOARD

INSTALLATION DETAILS		CAPACITIES IN 10mm THICK GYPSUM / PLASTERBOARD	
Hole/ Drill Diameter	Embedment Depth	RECOMMENDED LOAD	
(mm)	(mm)	Tension (NRukc) KN	Shear (VRukc) KN
8	M4	0.10	0.30

All testing was undertaken in plasterboard with a minimum sample rate (n) of 10.
Recommended Loads have been derived with a minimum factor of safety of 4.
All Shear Values are Single Shear.

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