

Mille-Anchor™

Square Anchor



An Award Winning Anchor For Use in Aircrete, also known as Autoclaved Aerated Concrete (AAC).

General Overview

A unique fixing for Aircrete (AAC) Block which requires no pre-drilling and can be hammered home with ease into the block work providing a secure anchor for size 6-10 gauge screws. The SQUARE ANCHORS patented design makes it streaks ahead of all other block work fixings. Use in any hard surface with a pre-drilled hole. This method creates fixings of extraordinary strength.

Applications

Superb pull out tolerances mean this anchor can be used to secure heavy objects to Aircrete (AAC) blocks. The anchor can be hammered directly into the block work. If the block work is rendered an 8mm hole must be drilled first to pierce the rendering, the anchor can then be fully inserted. Use in high density Aircrete block by pre-drilling an 8mm hole, depth 70mm. Use in Concrete and Brick by drilling a 9mm hole to a depth of 70mm.



Pull Out Tolerances

Screw Size	Screw Penetration	Block Density 475kg/m ³	Block Density 650kg/m ³
6	35mm	83kg (38lb)	120kg (55lb)
8	35mm	96kg (44lb)	190kg (86lb)
10	35mm	120kg (55lb)	200kg (91lb)
10	50mm	120kg (55lb)	280kg (127lb)

The information in the table is shown as a general guide. If in doubt make a test fixing.

Key Benefits

- Use in any hard surface with a pre-drilled hole.
- Easily hammered into block work.
- Takes a size 6-10 gauge screw.
- Superb pull out tolerances up to 280kg.
- Can be used through rendered block work (pre-drilling of rendering required).

Product Code	EAN Code	Description	Pack Size	Packs per Outer Case
MPSQ-NT50-BS-01	5060029110208	Square Anchor	50	48

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Square Anchor Fixing Instructions

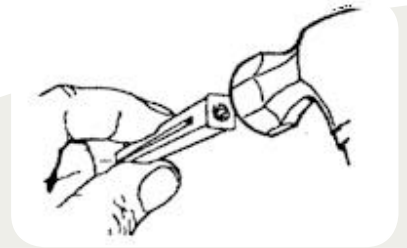


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Always wear eye protection when fixing

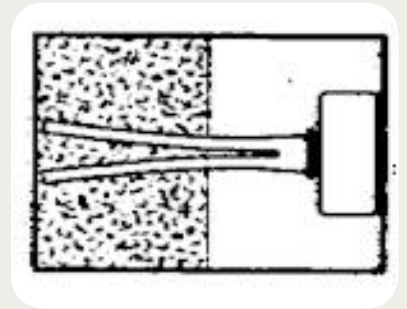
Step 1

Mark the SQUARE ANCHOR position.
Holding the end of the SQUARE ANCHOR between forefinger and thumb, squeeze to close the slot.



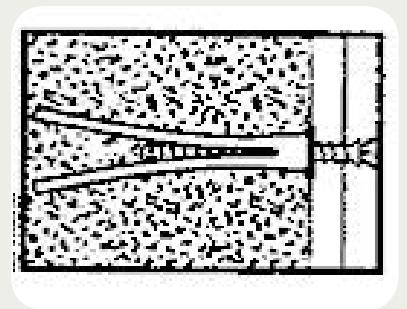
Step 2

Tap the anchor lightly and check or adjust the alignment to straighten.
Hammer the SQUARE ANCHOR fully home into the Aircrete (AAC).
The legs of the ANCHOR will spread in a semi-circular motion as you continue.
The Anchor should now be flush with the Aircrete (AAC).



Step 3

Affix using sizes 6-10 gauge screws allowing at least 25mm (1") of full thread to enter the SQUARE ANCHOR.



Please note:

The Square Anchor will hammer into lightweight Aircrete (AAC) without pre-drilling.
Some explanation of the types and manufacturers of Aircrete (AAC) are shown on page 18.
If you are unsure as to which block you have please consult your block supplier or make a test fixing.
Remember the Mille-Anchors can be used in any hard material if a pre-drilled hole of the correct size and depth is used.

