

MACBOND



The MACBOND is the ideal solution in buildings where the inner leaf is of weaker, softer materials or lightweight block and the outer leaf is of good quality solid brick or concrete. The tie has the Mac expansion system for the outer leaf and an inner leaf fixing designed to be used with resin injection system.

Macbond is manufactured from A2, 300 series, austenitic stainless steel. The inner leaf rod is threaded and crimped for setting in SPIT C-Mix Plus resin. C-Mix Plus is a stable resin which does not contract or dry out and is easily applied from the 380ml cartridge by hand applicator gun.

MACBOND SPECIFICATIONS

Code	Drill Ø mm	Tie length mm	Nominal cavity width mm	Ultimate kN		
				Concrete	Brick 15N/mm	Block >7N/mm
95601	12	200	45 - 70	7	6	5
95602	12	225	70 - 95	7	6	5
95603	12	255	100 - 120	7	6	5

THE BENEFITS

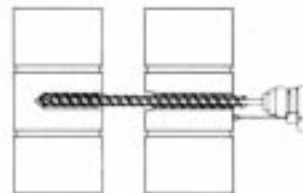
- Corrosion resistant
- Economical
- Quick and easy to install
- Manufactured to BS EN ISO 9000
- Applied from exterior of building
- M6 thread-high buckling strength
- Unique convex shape expander
- 12mm hole for neat finish
- Easy to pump resin over cavity due to size

RESIN CURE TIMES

15 minutes at 25°C

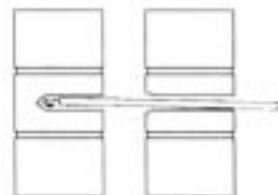
45 minutes at 10°C

APPLICATION METHOD



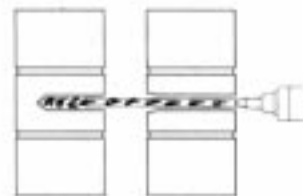
DRILL

Drill 12mm diameter hole in brickwork within 10° upwards, setting depth gauge on drilling machine to give 60mm minimum hole depth in inner leaf.



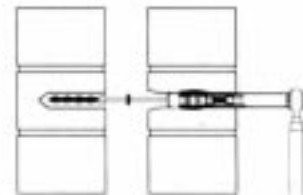
BLOW OUT

Blowing out hole is critical to allow resin to key in and bond to surface of the hole.



RESIN INNER

Apply SPIT C-Mix Plus resin to inner leaf, slowing withdrawing nozzle until it is clear of the inner leaf. Insert Tie. Allow time for resin to set before setting outer expander.



SET OUTER

Fit hex setting tool (99041) on to torque wrench (96825) and set outer expander by tightening nut until pre-set torque is reached. Seal outer brick with colour matching mortar.

TECHNICAL INFORMATION

SPECIFICATIONS:

Material A2, 300 series,
Austenitic Stainless Steel
Expanders 12mm diameter
Thread diameter of Rod M6

ACCESSORIES:

99041 Hex Setting Tool
96825 Fixed Head Torque Wrench
99549 Delivery Tubes
06599 Hand Air Pump

TORQUE SETTING:

6.8Nm (5lb.ft)

NOTE: Drill bits to conform to
DIN 8035