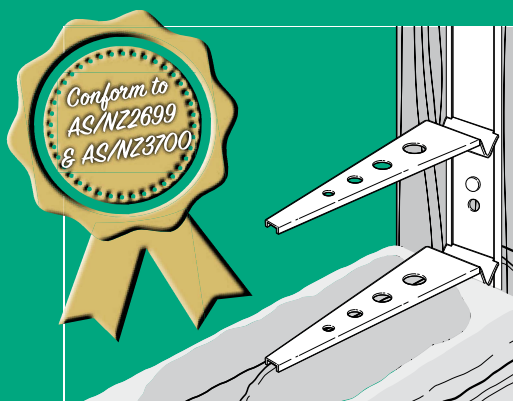


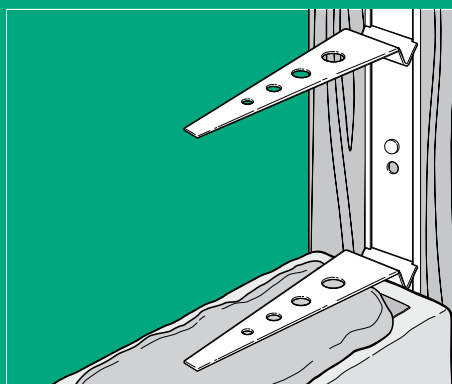
ALLIGATOR EXPANSION TIES

Abey Alligator Ties have been designed to connect a timber, steel or concrete column to a brick or block wall. The tie itself consists of three parts – a backing plate and two jaws which act like alligator jaws to bite into the mortar bed. The tie itself whilst providing lateral support still allows for long term and thermal growth of the brickwork. Conforms to AS/NZ3700 & AS/NZ2699.

The Abey Alligator Ties are designed to keep walls vertical at all times. The “V” shape allows for normal brick growth and expansion, maintaining the control gap. The Alligator Tie can also be used to fix non load bearing walls to ceilings, still retaining that control gap and allowing for movement with the sliding action.

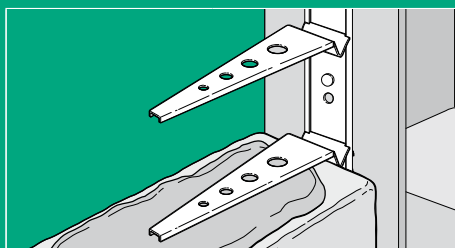


Alligator Expansion Tie for tying brickwork to frame

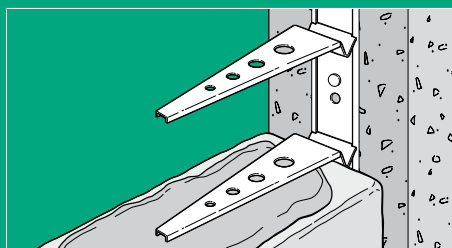


Alligator Expansion Tie for tying A.A.C blockwork to frame

SUITABLE FOR TIMBER (above), STEEL AND CONCRETE FRAMES



Suitable for steel frame



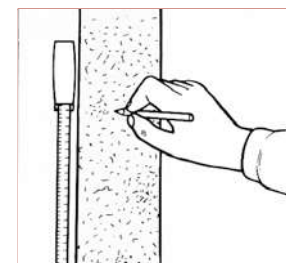
Suitable for concrete frame

ALLIGATOR EXPANSION TIES

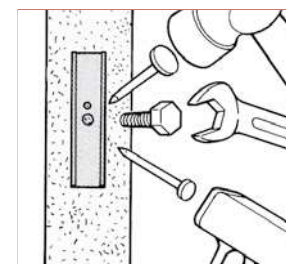
A snap to install

Abey's Expansion Alligator Ties' unique design means big savings in time and material costs. One fixing point is all that's needed, reducing nail gun costs alone by 50% and reducing labour time by over 30%. The adjustable jaws are fitted during laying to reduce injury potential. The adjustable jaws close to fit both brick and blockwork

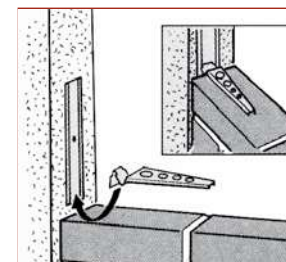
from 60 to 200mm. Alligator Ties allow an expansion gap of $\pm 20\text{mm}$ and provide both the correct anchorage to maintain structural wall strength and stability whilst providing the correct expansion gaps necessary for movement control in masonry walls. Alligator Ties hold on tight. Their unique design gives maximum grip to brittle mortar – a common failure in many brick ties.



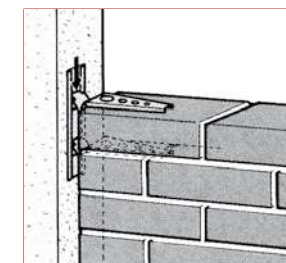
Step 1
Mark the mortar courses on column or wall at which the masonry wall will butt onto.



Step 2
Fix Anchor Plates to column as shown in required position using only one fixing: either by bolt in hole supplied, nail or nail gun.



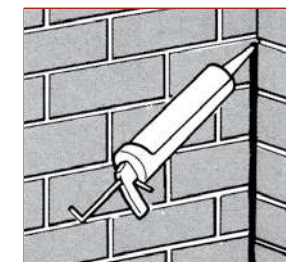
Step 3
Lay bricks or blocks until you reach first backing plate. Slide one Alligator Jaw into Anchor Plate from the bottom raising it to the centre.



Step 4
Place brick into position, then lower Alligator Jaw onto mortar bed. Continue another row of brick or blockwork. Slide second Alligator Jaw down onto the top of the brick as shown.



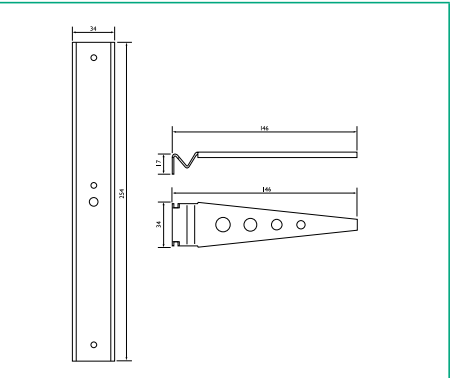
Step 5
Then continue laying until you reach the next Alligator Anchor Plate. Then repeat. These spacings are normally at 600mm Centres.



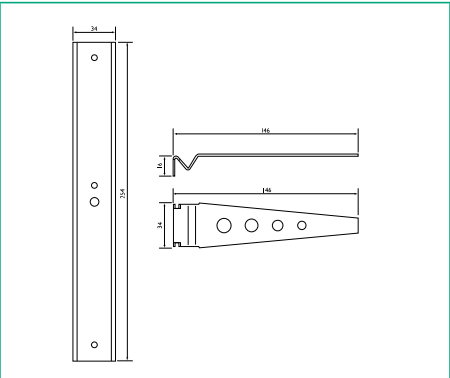
Step 6
On completion, check and clean expansion gap of any hard materials such as mortar droppings etc. and seal with appropriate highly compressible joint filler.

ALLIGATOR EXPANSION TIES

PRODUCT DESCRIPTION		CODE
Alligator Ties Block	R2 Galvanised Z600 (10 per box)	0626
	R3 304L Stainless Steel (10 per box)	0636
Alligator Ties AAC Blockwork	R2 Galvanised Z600 (10 per box)	0627
	R3 304L Stainless Steel (10 per box)	0637

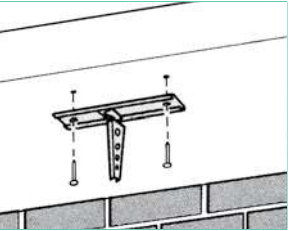


ALLIGATOR EXPANSION TIES
for tying brickwork or blockwork to frame.

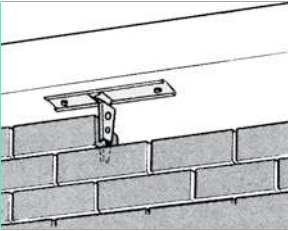


ALLIGATOR EXPANSION TIES
for tying AAC blockwork to frame.

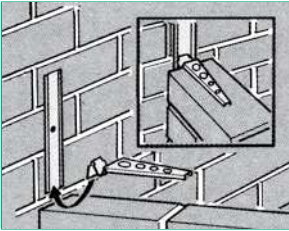
Other Uses for Alligator Expansion Ties



For fastening of non-load bearing walls to ceiling whilst creating control gaps, Alligator Ties can be used. Firstly slide one Alligator Jaw (only) to centre of Anchor Plate and fasten Plate into position, fixing at 2 points (one at either end of Anchor Plate).



Lay block or brickwork to Alligator Tie and position Jaw between vertical mortar bed with brickwork trim end of jaw to depth of brick.



Connecting a new wall to an existing wall.

ALLIGATOR EXPANSION TIES



Alligator Expansion Ties for tying brickwork or blockwork to frame.

The need for proper planning and use of correct expansion gaps in masonry construction cannot be underestimated. Absence of ineffective control devices and poor workmanship practices can cause severe break-down in masonry constructions. The pressures a poorly constructed wall can exert are tremendous and can lead to disastrous consequences. To avoid structural damage, expansion gaps must be provided between intersecting concrete and masonry walls, columns and ceilings.