



Triton DOUBLE ADHESIVE TIE – AA10

Description and Use

The Triton AA10 is a 10mm diameter stainless steel replacement wall tie, which can be used in situations that require both the inner and outer wall to be anchored with resin. It has the added advantage of being virtually self-centering. The "Triton AA10" tie has "waisted" ends which give the tie both a mechanical and an adhesive fixing, once the resin is applied.

Triton AA10 tie can be used in most building materials i.e. brick, lightweight block, timber and mortar.

Triton AA10 tie is manufactured from austenitic stainless steel, of which grade 316 is used.

Triton AA10 ties are available in various lengths to deal with varying cavity widths and construction types.

Application

An 11mm diameter hole is drilled through the outer wall and into the inner wall at a slightly inclined angle (as recommended in BRE Digest 329) to a minimum depth of 56mm. The hole must then be blown out to remove dust etc., prior to the installation of the resin.

The resin is then applied to the inner wall, ensuring the hole is filled. The correct length tie should then be inserted and pushed manually to the back of the hole. Resin is then applied to the outer hole encasing the tie end. The hole should then be capped off with mortar or mastic.

Load Testing

The Triton AA10 tie has an inbuilt feature that enables load tests to be carried out on site on the inner leaf if necessary. Two projections are formed extending inwardly into the bore of the tubular body on the outer end of the tie.

A load test adaptor is supplied which has a 6mm thread on the outer end for connecting to the load test equipment and two slots for passing over the projections in the wall tie at the opposite end. With the two flats on the major diameter of the adaptor in the vertical position, fit the slotted end into the bore of the wall tie. Turn adaptor through 90 degrees and in this position the head is engaged behind the projections and the load can be applied.

Typical loads achieved are in excess of 2.5 kn.

Packaging

Triton AA10 ties are packed in boxes of 100

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