



EXPANDING RESIN TIE - ER10

DESCRIPTION AND USE The ER10 is a 10mm diameter replacement cavity wall tie, that combines 304 grade austenitic stainless steel and Neoprene.

The ER10 is most suited to situations where the outer leaf is of a solid construction and the inner leaf is of a weaker material (blockwork) as one end of the tie is resin bonded into the structure, and the other end is expanded to form a fix.

APPLICATION A 11mm diameter hole is drilled through the outer leaf brick and into the inner leaf to a minimum depth of 55mm. The hole should be drilled at a slightly inclined angle to avoid ingress of dampness, (as recommended in BRE Digest 329) and blown out to remove any loose dust and drillings. Care must be taken in selecting the correct length wall tie for the appropriate cavity width. Suitable resin must then be injected into the inner leaf hole and then the ER10 pushed across the cavity and firmly into the resin filled hole. The resin must then be given appropriate time to cure. (See manufacturers instruction). Once the resin has cured a pull test on the inner leaf can be performed if required, using the appropriate adaptor and testing machine.

The outer leaf is loaded by fitting the fixing tool on to the inner nut and turning clockwise until hand tight. If testing is required on the completed installation it is performed as described previously.

Typical loads achieved are in excess of 2.5kn.

If further information or a site demonstration is required contact our technical department.

The ER10 is packed in boxes of 200.

For further information contact:

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