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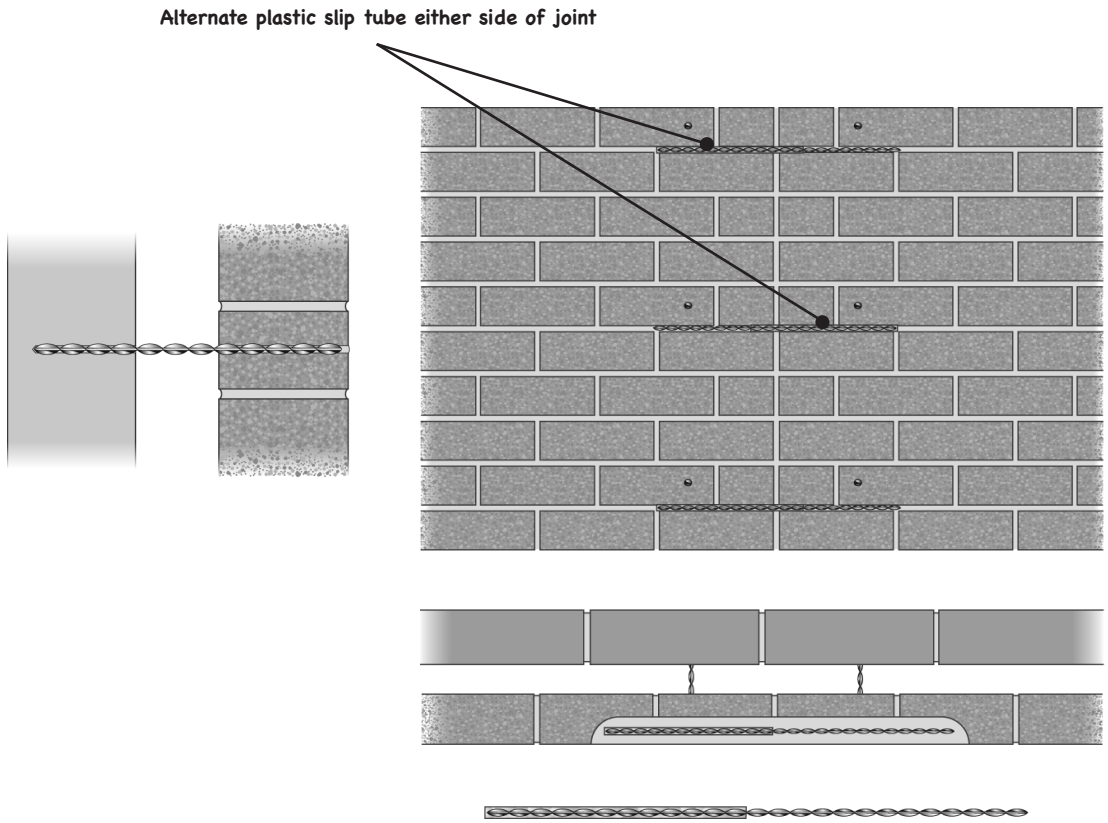
Ties for Movement Joints



METHOD STATEMENTS & NOTES

1. Drill a 6mm pilot hole 10mm longer than tie length. Hammer-drive 9mm self-tapping helical wall tie into and through near-most wall into far wall, leaving tie recessed. Make good drill hole to match. Tie spacing: 300mm centres within 225mm of movement joint. (Use 7mm pilot hole for engineering brick and structural concrete)

2. Rake out section of mortar to full height in selected bed joints, extending at least 200mm either side of the joint and flush with clean water. Insert plastic slip tube over one half of a 6mm Twistfix helical bar and grout bars into each slot using WHO-60 grout. Make good to match existing. Tie spacing: 300mm centres

MATERIAL SPECIFICATION

· Material:	304 Series Stainless Steel
· Ult.Tensile Strength:	1025-1225N/mm^2
· Nominal CSA:	9mm Tie = 16mm^2
· Nominal CSA:	6mm Bar = 8mm^2

GROUT SPECIFICATION AT 28 DAYS

· Compressive Strength:	55N/mm^2
· Tensile Strength:	5N/mm^2
· Flexural Strength:	12N/mm^2
· Youngs Modulus:	13N/mm^2

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