






## STANDARD REINFORCEMENT ACCESSORIES SLAB JOINT SYSTEMS

### Some tips for using Connolly Key Joint

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| <p>For your own safety, please protect hands when handling Connolly Key Joint.</p>  <p>Connolly Key Joint is lightly oiled in the factory, however to ensure a good clean break when using a high strength concrete (which tends to be "gluey") re-oil.</p> | <p>For concrete slabs under heavy loading - consider thickening down around joints</p>  <p>Pack concrete tightly around joint to ensure a strong key and prevent any fraying or shearing.</p>  | <p>On moderately reactive soils it is advisable to reduce the distance between joints in concrete.</p>  <p>Screed to top of joint/capping to ensure a good clean appearance for joint.</p>  |
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### Specifications

| Model or recommended architectural or engineering specifications   | Product specifications   |  |
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| <p>Delete items marked * which are not applicable.</p> <p>In the locations indicated on the drawings and/or in the specifications, the control joint shall be the pre-formed Connolly Key Joint.</p> <p>The Connolly Key Joint shall be _____ mm or as shown on the drawings.</p> <p>The key joint shall be supported by a steel (or fibreglass) dowel and steel wedge at _____ mm Centres (maximum 1000mm). The dowel shall be driven into the ground until firm and with the top of the dowel at least 20mm below the top of the key joint.</p> <ul style="list-style-type: none"> <li>• Attach Removable PVC</li> </ul> | <p><b>Pre-formed tongue and groove key</b></p> <p>Material ..... Galvanised steel</p> <p>Length ..... 8 metres</p> <p>Nominal size ..... 100mm, 150mm, 200mm</p> <p>Knock-out tabs ..... 22mm Dia. at 167mm centres</p> <p><b>Wedge</b></p> <p>Material..... Galvanised steel</p> <p><b>CKJ permanent filler strip (patented)</b></p> <p>Filler strip is a black, closed</p> | <p><b>Stake</b></p> <p>Material ..... Black steel<br/>Optional at extra cost Fibreglass</p> <p>Length ..... 400mm, (500mm standard with 200mm CKJ)</p> <p>Diameter..... 10mm</p> <p><b>CKJ removable capping strip (grey)</b></p> <p>Material ..... PVC</p> <p><b>CKJ Retained capping strip (black)</b></p> |

Capping (Grey) to the top edge of the Connolly Key Joint. Remove Capping Strip \_\_\_\_\_ days after concrete is poured and fill remaining void with \_\_\_\_\_ (an approved sealant).

- Attach Retained PVC Capping (Black) to the top edge of the Connolly Key Joint. (N.B Satisfy yourself that the drying shrinkage of the concrete being used is not excessive for proper functioning of the capping. Joint spacing should not exceed 6 metres.)
- Attach Connolly Key Joint Permanent Filler Strip (Black Polyethylene Foam) of the correct size for the top edge of the Connolly Key Joint. Pass fixing pins through filler strip and fixing hole on Connolly Key Joint.
- Key joints shall be lightly oiled when used with high or high early strength concrete.

Finish concrete to top of key joint/capping

cell, cross-linked, 100% polyethylene foam with excellent compression and recovery properties. It is resistant to most acids, alkalis, solvents, lubricating oils and detergents.

Black, high carbon PVC. Chemically resistant to acid, alkali as well as grease and oil, it is flexible from -40°C to 100°C and has long life outdoors.