

## Pre-formed metal keyjoint for on ground slabs

### Uses

Pre-formed metal keyjoint formwork used to form “keyways” along joints between adjacent slabs enabling loads to be transferred from slab to slab while allowing differential movement between them. Suitable for forming joints in concrete pavements subject to light vehicle traffic (driveways, bikeways and footpaths).

### Description

Multi-functional galvanised steel stay in place formwork system for forming expansion joints in bikeways and footpaths. Made up of keyjoint with a 5 mm closed cell polyethylene foam attached, allowing some expansion of concrete giving a cost efficient expansion joint system. Also available with a permanent Rip-A-Strip capping or a removable block capping as an optional extra.

### Features

- Enables transfer of vertical loads across joints between slabs
- Tighter key taper, giving less differential vertical movement
- Has a rigid top edge
- Allows continuous concrete placement
- Knockouts provided for placement of dowel bars
- Suitable for round and square dowel bars
- Ideal for light traffic areas
- Permanent and removable cappings available

### Supply

Expandajoint can be supplied in the following sizes;

Product Code	
2500506	Expandajoint 100mm X 1.2m
2500507	Expandajoint 100mm X 1.5m
2500508	Expandajoint 100mm X 2m
2500509	Expandajoint 100mm X 2.5m
2500499	Expandajoint 100mm X 3m
2500502	Expandajoint 125mm X 3m
2500501	Expandajoint 150mm X 3m
2500503	Expandajoint 200mm X 3m
2500504	Expandajoint 250mm X 3m

## Installation Instructions



**What you will need:**  
Keyjoint including stakes  
Keyjoint capping  
Hammer  
Spanner or pliers  
String line



**Step 1.** Set up work area, placing a string line along joint line. Set string line at height of floor level. Lay Keyjoint along this line (if capping used, allow for this height when setting up string line).



**Step 2.** Drive first stake through small oblong hole near end of Keyjoint, ensuring flat section of stake is in line with flat section of hole. Place Keyjoint along string line and rest on the ground.



**Step 3.** Hammer stake 10 mm below height of Keyjoint in first hole of Keyjoint length. Repeat same in last hole in Keyjoint length (4 stakes per 3 m length recommended).



**Step 4.** Return to first stake. Raise Keyjoint to height of slab or string line. Twist stake 90° to lock Keyjoint in place with pliers or spanner. Repeat this at last hole and continue to drive rest of stakes in place.



**Step 5.** Add joining clip if joining two or more Keyjoint lengths.



**Step 6.** Line up capping to edge of Keyjoint and press over top edge. Continue pressing capping firmly over rest of Keyjoint length.



**Step 7.** Now ready to pour slab. Note: if using removable capping after slab is poured, remove top edge of capping on same afternoon slab was poured.

# Expandajoint

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## **Important notice**

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## **Product disclaimer**

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