

Sacrificial metal keyjoint system for on ground slabs

Uses

Preformed metal Keyjoint is used to form “keyways” along construction joints between adjacent pavement slabs enabling loads to be transferred from slab to slab while allowing differential movement between them.

Keyjoints are suitable for forming construction joints in concrete pavements subject to light vehicle traffic:

- Light industrial pavements
- Driveways
- Pedestrian walkways

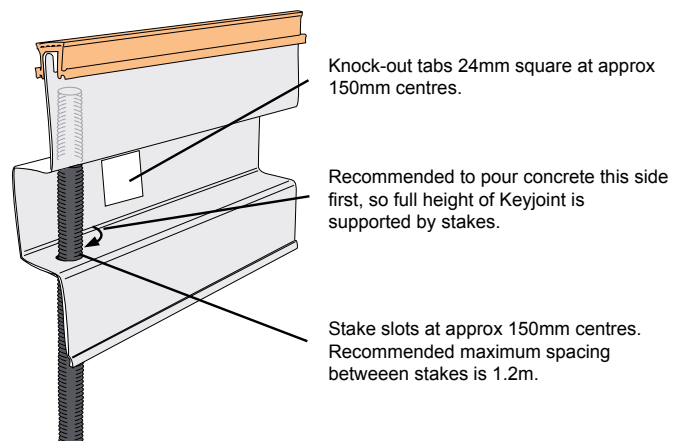
Advantages

- Enables transfer of vertical loads across the joints between slabs
- Allows lateral movement between the slabs, but limits vertical differential movement between slabs
- Tighter key taper, giving less differential vertical movement
- Has a rigid top edge
- Allows continuous concrete placement with preformed internal joints
- Incorporates unique drive’n’twist stake system to make installation simple
- Provides a more uniform joint line at a fraction of the cost of conventional formwork
- Knock-outs provide for placement of square dowels
- Suitable for round and square dowels
- Available in 3 m and 6 m lengths to suit five slab thicknesses
- Ideal for light traffic areas
- Companion capping available for 10 mm recess, or permanent capping with Rip-A-Strip in 4 colours

Description

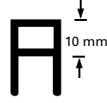
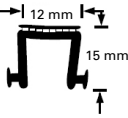
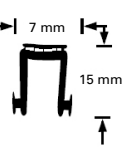
Patented, multi-function galvanised steel stay in place formwork system for concrete slabs. Keyjoints are designed for pavement joints in light traffic applications. Keyjoints are available with various PVC capping strips to assist sealing the joints and / or provide aesthetics.

For pavements subject to heavy loads, Diamond Dowels may be more appropriate (refer separate Technical Data Sheet).



Keyjoint

Capping Technical Data

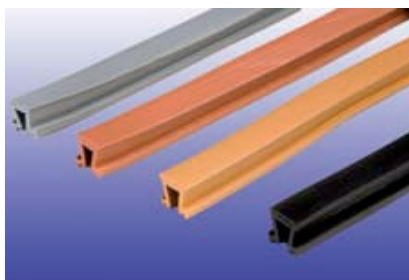
Type		Colour	Roll length m	Roll weight kg	Purpose
BLOCK Removable Capping		Black	25	3.4	Creates a 12 mm wide x 10 mm deep recess for semi-rigid sealant
RIP-A-STRIP Permanent Capping		Black Grey Sandstone Terracotta	25	3.8	Top layer is removed prior to finishing, leaving a colour coordinated joint filler
BASE Permanent Capping		Black Grey Sandstone Terracotta	25	3.65	Install Keyjoint up-side-down. Fit to narrow edge of Keyjoint. Top layer is removed prior to finishing, leaving a colour coordinated joint filler

Keyjoint Capping

Add to top edge of Keyjoint to create recesses or colour coordinated joint filler.



Capping is available in the following styles seen above from left to right. Standard (3mm recess), block (10mm recess) and Rip-A-Strip (permanent capping).



Rip-A-Strip permanent capping is available in 4 colours: grey, terracotta, sandstone and black. Rip-A-Strip gives you an efficient crack control with an attractive architectural finish.



Base permanent capping is 7mm wide and available in 4 colours - grey terracotta, sandstone and black. This capping is best for light traffic areas.

Keyjoint

Installation Instructions



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



Step 1. Set up your work area by placing a string line along the joint line. Set string line at the height of the finished floor level. Lay out Keyjoint along this line. Please note: if you are using capping, please allow for this height when setting up string line.



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



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



Step 4. Return to first stake, raising the metal Keyjoint to the height of the slab or string line, then twist stake 90° to lock the Keyjoint in place with pliers or spanner. Repeat this at the last hole and continue to drive the rest of the 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 the rest of the Keyjoint length.



Step 7. You are now ready to pour the slab.

Step 8. Please note. If using removable capping after the slab is poured, please remove top edge of capping on the same afternoon the slab was poured.

Keyjoint

Supply

Keyjoints are available in 3 m and 6 m lengths to suit 100, 125, 150, 200 and 250 mm thick concrete pavements

Product Code

2200705	Keyjoint 130mm (6m Lengths) /M
2200710	Keyjoint 180mm 3m (0.55) / M
2200735	Keyjoint 80mm (1.2m Lengths) /M
2200740	Keyjoint 80mm (1.5m Lengths) /M
2200755	Keyjoint 80mm (3m Length) / M

KeyJoint Stakes and Jointing Clips

Each shipment of Keyjoint is supplied with 1 bag of stakes per 6 m length, or 1 bag of stakes for each pair of 3 m lengths. However, additional bags of stakes (with joining clips) may be purchased.

Stakes are packed in plastic bags, each bag containing 8 stakes and 2 joining clips.



*Materials - Stakes (Black steel), joining clips (PVC).
The joining clips ensure a continuous smooth transition between lengths of Keyjoint.*

Important notice

A Safety Data Sheet (SDS) and Technical Data Sheet (TDS) are available from the Parchem website or upon request from the nearest Parchem sales office. Read the SDS and TDS carefully prior to use as application or performance data may change from time to time. In emergency, contact any Poisons Information Centre (phone 13 11 26 within Australia) or a doctor for advice.

Product disclaimer

This Technical Data Sheet (TDS) summarises our best knowledge of the product, including how to use and apply the product based on the information available at the time. You should read this TDS carefully and consider the information in the context of how the product will be used, including in conjunction with any other product and the type of surfaces to, and the manner in which, the product will be applied. Our responsibility for products sold is subject to our standard terms and conditions of sale. Parchem does not accept any liability either directly or indirectly for any losses suffered in connection with the use or application of the product whether or not in accordance with any advice, specification, recommendation or information given by it.