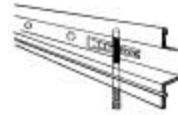


# Connolly News



September Quarter  
2001

A publication by Connolly KEY JOINT Pty. Ltd.

If your contact details have changed please phone Connolly KEY JOINT toll free on 1800 335 215 or use the fax back form below

## Terracotta Capping Now Available

In response to customer requests Connolly Key Joint has introduced a new coloured capping to our range. The very popular retained, or permanent, capping is now available in terracotta as well as the standard black colour. This new colour provides a matching finish to a variety of colours and is very popular in stencilled concrete work. The new terracotta product has the same profile as the existing retained black capping and is supplied in 24 m rolls.



Retained capping reduces the amount of grit that enters the joint and provides room for foreign materials to be compressed. This reduces the likelihood of spalling occurring at the joints

## Joint Depth

Dummy joints, which are tooled in during the finishing operation, are time consuming and interrupt the finishing operations. In many cases they are not installed to a sufficient depth (recommended as 1/4 of slab thickness) and as a result do not control all random cracking.

Saw cuts will control shrinkage cracking if they are installed early enough in the curing stage and they are to the minimum depth as mentioned above. To be effective, saw cutting must be carried out before the concrete starts to cool (usually between 4 and 12 hours after finishing). Saw cuts that are done too late are wasting the saw cutters time and your money.

## Sub-grade Drag

A factor that is often overlooked when determining joint spacing is the friction forces between the setting concrete and the ground that it contacts. A rough sub-base causes the shrinking concrete to drag more as its volume decreases. This dragging effect increases the chances of shrinkage cracking. It is good practice to prepare the sub-base as smooth and even as possible. A rough sub-base means the contraction joints should be spaced at closer intervals.

## Council Prefers Key Joint

A recent High Court ruling has Local Government Councils reeling following its decision regarding their liability for injuries suffered on pathways. An article published in *Municipal Engineering in Australia* highlighted the decision that now means that councils can be sued whether or not they created the danger that causes an accident. This decision by the High Court means that now, more than ever, it is imperative to take all possible measures to reduce the likelihood of "steps" occurring in pavements. Connolly KEY JOINT is used by many Councils right across Australia as a means of limiting their liability to these types of actions. Richmond Valley Council, which is located in northern NSW, has this to say about Connolly KEY JOINT.

*"The product permits quick and easy joint control and ensures a reliable "keying" of adjacent slabs. It allows continuous pours to be effectively jointed without the need for alternate slab pouring. Council has quoted this method of construction in court proceedings as evidence of how we now minimise the occurrence of trips caused by differential slab movement in footpaths"*

P.J. Radnidge  
Manager of Works

If you contract to Local Government Councils you cannot afford to ignore the implications of this recent decision on your paving work.

Tick the boxes below and Fax back to 02 6662 3263 for more information on any items of interest.

Capping products

Joint depth

Sub-grade drag

Preventing liability

Other .....

**Connolly**  
**KEY JOINT**

*"it's the key to a better job"*

Name:.....

Address:.....

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Phone:.....

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E-mail:.....