LESA CRACK-A-JOINT

METAL CRACK INDUCER

Concrete is grey and it cracks. Most of us are familiar with this age old cliché, however, smart people know that pre-determining where cracks and movement should appear is the correct way to deal with early shrinkage, and the potential of random cracks, rather than just leaving it and letting the concrete make up its own mind where to crack.

With adverse weather conditions still around New Zealand the possibility of early shrinkage cracking is high. With hot and windy conditions it is often difficult or impracticable to ensure saw cutting is completed in a timely fashion, thus leading to unsightly cracks that are deemed as failures by customers.

For over 8 years now Lesa Systems 2017 Ltd has been manufacturing **Crack-A-Joint** in New Zealand and importing it for 3 years prior to that.

WHAT IS CRACK-A-JOINT

Crack-A-Joint is a pre-formed metal crack inducer that is inserted into the surface of wet concrete (after screeding) to induce a crack below, an alternative to the traditional sawcut. Although Lesa also manufactures a base (ground) plastic crack inducer, we typically recommend the surface inducer to ensure that the cracks do not take off on odd angles, thus introducing other aesthetic issues.

Crack-A-Joint is an early entry system that starts to work at the earliest possible stage, therefore much more reliable than saw cutting.

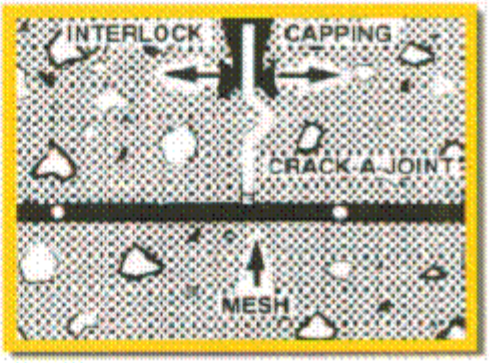
Crack-A-Joint is available in 25mm depth, with or with out a UV stable PVC capping, and in standard 3 metre lengths. Cutting is very easy with a grinder or similar, so wastage is kept to a minimum.

Please see the attached Crack-A-Joint flyer for further details.

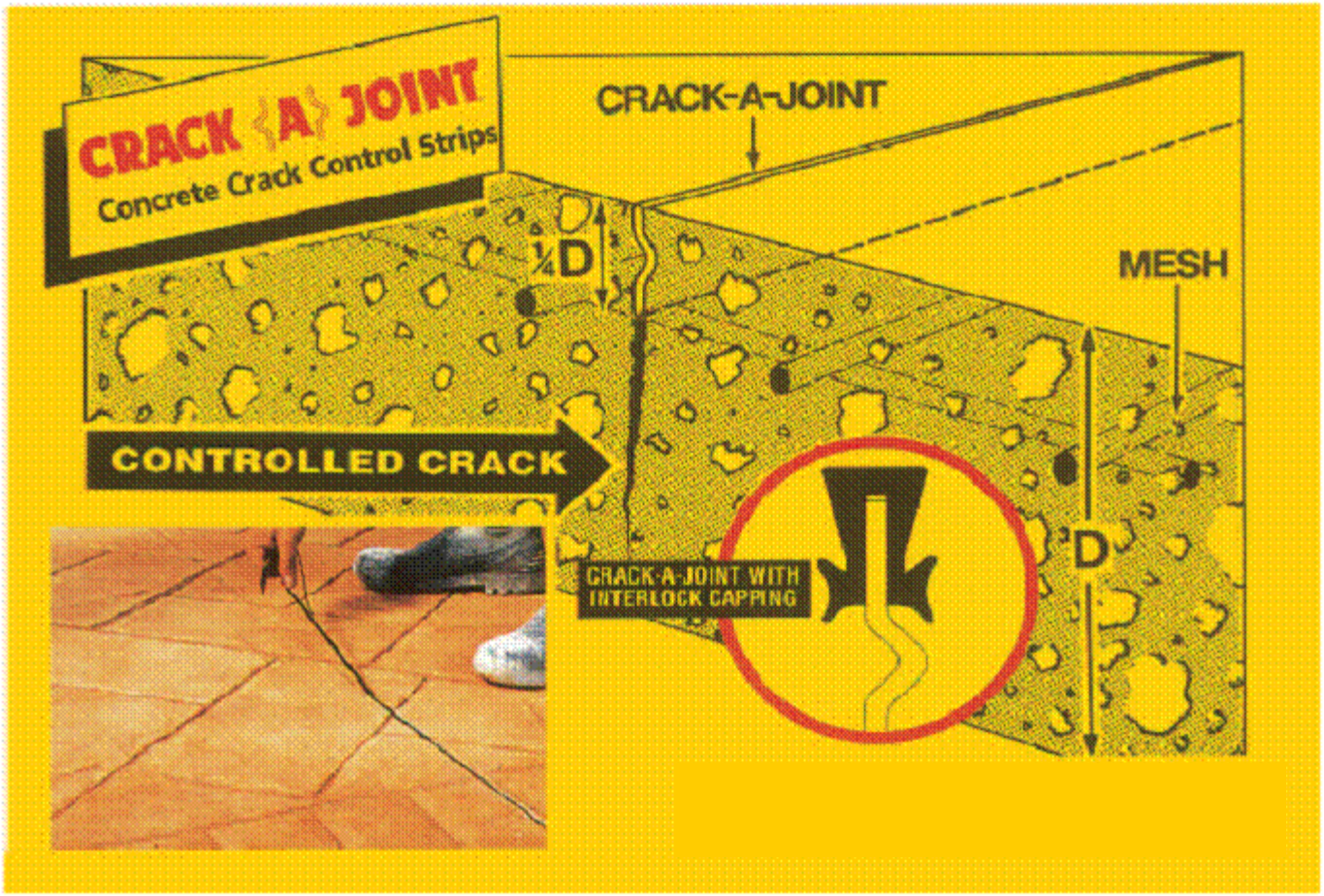
CRACK {A} JOINT

Concrete Crack Control Strips

A preformed metal crack inducer inserted into the concrete when wet allows the concrete to crack below the strip as it cures. Peel the rip a strip off the same day for a neat straight joint.



For all concreting jobs CRACK-A-JOINT will allow you to pour more by not having to worry about sawcutting. CRACK-A-JOINT is ideal for concreting where controlled cracking is specified.



CRACK A JOINT

Concrete Crack Control Strips

ADVANTAGES OF CRACK A JOINT

- **IMMEDIATE ACTION** Crack-a-joint induces crack immediately because of its method of application.
- **FINISH FLOOR SAME DAY** No need to return to finish off.
- **NO CUTTING OF MESH** CRACK-A-JOINT means no cutting of mesh, to ensure crack inducing. This ensures cracks are kept to a minimum.
- **ABSOLUTELY NO WASTAGE.**
- **ANY GIVEN EDGE** CRACK-A-JOINT will butt up to any given edge. Eg, columns.
- **PRECISE** CRACK-A-JOINT takes the uncertainty and guess work out of precise surface crack controlling.
- **RIGID** During installation, CRACK-A-JOINT remains rigid.
- **INTERLOCKING** Because of CRACK-A-JOINT's shape, it makes it almost impossible to be dislodged.
- **CLEAN AND QUICK** CRACK-A-JOINT is quick, clean and no mess to clean up.
- **POSITIVE ALTERNATIVE** CRACK-A-JOINT now gives the building industry a positive alternative to sawcutting.
- **CAPPING** Interlock capping available for specified fill and exposed concrete.
- **NO FILL REQUIRED** CRACK-A-JOINT's Rip-A-Strip capping provides the joint sealant.
- **RIP-A-STRIP AVAILABLE IN 4 COLOURS.**
- **AVAILABLE FROM A RETAILER NEAR YOU.**

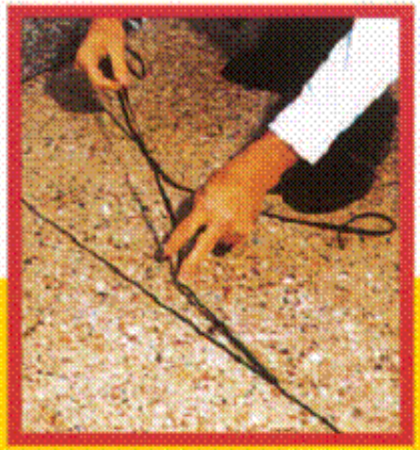
GALVABOND ARCHITECTURAL AND ENGINEERING SPECIFICATION

- A galvanised, mild steel strip, 1.2mm thick
- Designed for on ground slabs
- Assures the controlling and reducing surface crazing and cracking
- Specifically designed to be placed while concrete is wet
- Shape of CRACK-A-JOINT makes it almost impossible to be dislodged
- Enables continuity and the maximum strength of mesh and steel
- Depth of CRACK-A-JOINT is equal to or about 1/4 depth of concrete slab
- Permanent interlock capping

WEATHER CONDITIONS Change in weather condition can send concrete off before finishing is complete. CRACK-A-JOINT placed before concrete sets will save valuable time for concretors and improves overall finish.

DOUBLE ACTION CRACK-A-JOINT has two major features. Firstly it controls surface cracking when placed while screeding. Secondly, by not cutting mesh, continuity is obtained and the risk of excessive cracking is minimised.

CRACK-A-JOINT "INTERLOCK CAPPING" CRACK-A-JOINT thermoplastic Interlock Capping has the environmental resistance of general purpose E.P.D.M. rubber, with the fluid resistance and flexibility comparable to neoprene and rubber. CRACK-A-JOINT "Interlock Capping" prevents dust and grip penetrating the joint.



CRACK A JOINT

AVAILABLE IN LENGTHS OF:
3m x25mm
and 3mx45mm
- with or without "RIP A STRIP"