



There simply is **NO** equivalent!



CONCRETE FOOTPATH SMART JOINTING SHAPE MATTERS



ENGINEERED TO ACCOMMODATE TREE ROOTS

TripStop was specifically engineered to **ACCOMMODATE TREE ROOTS**.

HINGE FUNCTION

The TripStop design encourages a 'hinged' movement due to the large upper and lower radii.

Bilaterally symmetric and devoid of re-entrant angles, TripStop was specifically engineered for optimum hinge functionality. Slab joint alignment is easily maintained when adjacent slabs and joints are raised to different levels by tree roots.

And, when a tree root lifts a joint, it opens at the top whilst the neighbouring joints act in the opposite way, opening at the bottom. TripStop is the optimum profile to enable both to occur simultaneously (Double Hinge), due to its bilateral symmetry.

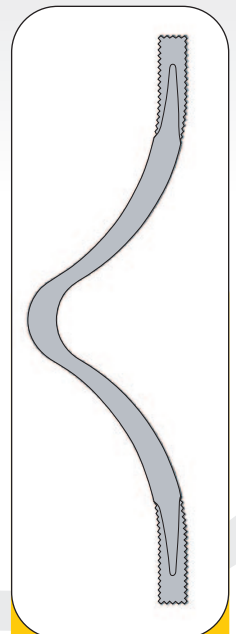
Further, the UV resistant soft plasticized compressible PVC capping at the top and bottom absorbs any spalling pressure that may occur.

RAMP ANGLE

AS 1428.1:2021 stipulates walkways with ramp gradients less than 1 in 14 as acceptable. That's a rise of 107mm along a 1.5M slab. TripStop comfortably accommodates 107mm+ rises without displacement (independent tests and in situ).

MAINTENANCE

In the case of mid panel failure due to tensile forces, simply remove the slab and pour a replacement leaving the existing adjacent (reusable) TripStop joints in place.



TripStop is a unique patented bilaterally symmetric bi-directional articulating concrete jointing system.

**200+ COUNCILS
WORLDWIDE**

Zero maintenance =
zero cost

**ZERO FAILS IN
OVER 18 YEARS**

Better for people and
better for the environment

**1,000+ KILOMETRES
OF SAFE PATHWAYS**

Healthier, more socially connected
communities



CONCRETE FOOTPATH SMART JOINTING SHAPE MATTERS

NOT SPECIFICALLY ENGINEERED FOR TREES

Rigid jointing systems were **NOT SPECIFICALLY ENGINEERED TO ACCOMMODATE TREE ROOTS**.

RIGID JOINTING

- Jointing systems that were not designed primarily for hinge functionality can be referred to as rigid joint systems.
- Rigid jointing systems were not designed primarily to enable adjacent slabs and joints to be raised to different levels by tree roots whilst maintaining slab joint alignment.
- Rigid jointing systems' primary function is to maintain a planar surface across multiple slabs.
- Dowels, plates and mesh thru joints are examples. Are key joints also an example?
- Four (4) concrete slabs each 1.5M x 1.5M and 100mm deep weigh two (2) tonnes (approx.)
- What happens when a rigid joint profile is compromised from lifting such weight?

MAINTENANCE

- What is the damage to the concrete at its joints when a rigid joint profile is compromised?
- How are the adjacent slabs freed from their neighbours to enable replacement?
- How is the new work connected to the slabs that remain?

NOT ACCOMMODATING OR RESISTING

Contraction (Trowel/Dummy) Joints, Saw Cut Joints and Expansion Joints don't belong anywhere near a tree.



TRIP STOP™

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