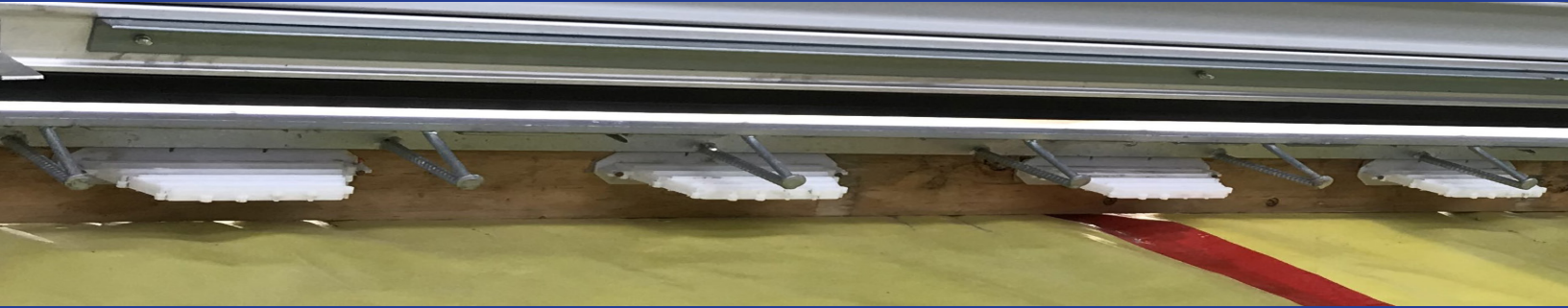


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DOWEL SYSTEMS

HI-MOVE SLEEVE

PROVIDING EXCEPTIONAL LOAD TRANSFER & LATERAL MOVEMENT

The Lesa Hi-Move plate dowel system uses plate dowel technology to replace traditional dowels in shrinkage compensating concrete, stressed slabs and fibre slabs.

Hi-Move dowels consist of two parts. The first being a high-quality, high density, one-piece plastic nail on sleeve. The second being a 10mm parallel side steel plate. The Hi-Move plate dowel system enables this unique sleeve to be cast into new slabs without having to penetrate formwork, thus eliminating damage to the forms. The built-in ring shank nails make installation quick and easy and also ensure accurate dowel alignment. This is achieved by the sleeve generating a precise void in the concrete into which the dowel plate can be inserted at the optimum time of construction. The parallel sided steel plate ensures constant bearing at all times while the tapered sleeve allows progressive lateral movement as the concrete shrinks and cures.

The construction of the sleeve is such that it ensures once the dowel plate is inserted into the sleeve an effective seal is formed around the dowel to prevent concrete slurry from entering the sleeve.

Note: For additional lateral movement requirements, two sleeves can be used, back to back. This is an important issue that is often overlooked when on-site fabrication of dowel sleeves using oversized conduit is used.

Hi-Move plate dowels are available in black steel, stainless steel or hot-dip galvanised.

KEY FEATURES

- A constant width steel plate
- High bearing capacity (but no excessive bearing capacity) in narrow joint widths
- High bending capacity for a range of joint widths
- Tapered dowel sleeve to allow increasing lateral movement as the joint width increases
- Manufactured in New Zealand



CANZAC®
Under Slab - In Slab - On Slab

LESA
SYSTEMS
ENGINEERED CONCRETE FLOOR SYSTEMS

MONSTA-SLAB

converge

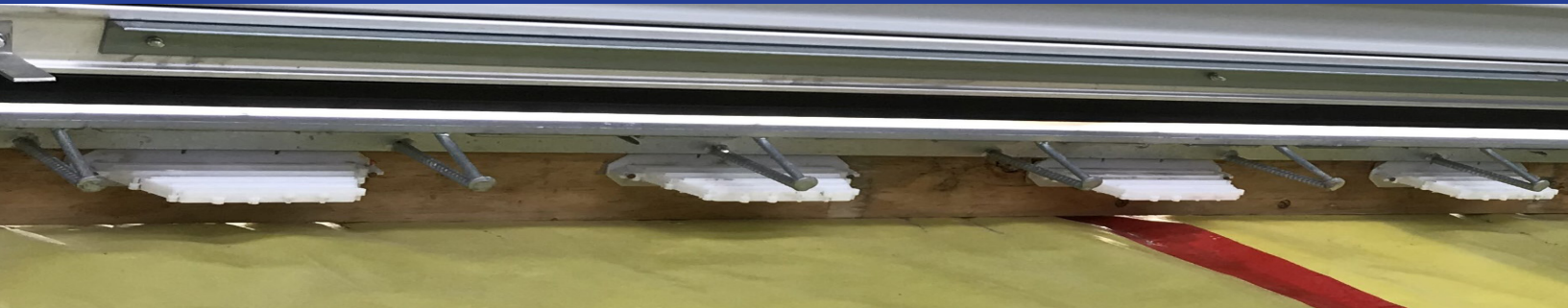
ROMBUS
INDUSTRIES

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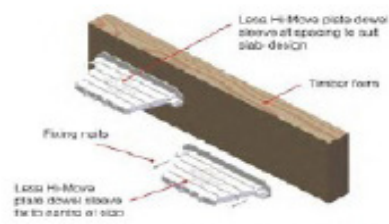


DOWEL SYSTEMS

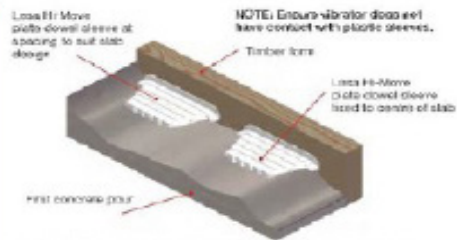
HI-MOVE SLEEVE

PROVIDING EXCEPTIONAL LOAD TRANSFER & LATERAL MOVEMENT

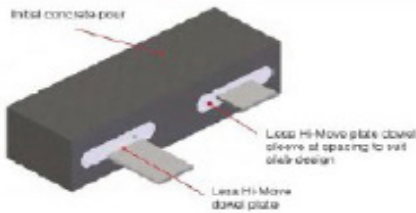
CODE	DESCRIPTION	UNIT
10 040	LESA HI-MOVE SLEEVE 10MM WHITE	EACH
11 980	LESA HI-MOVE SLEEVE W 100 X 150 X 10MM BLACK PLATE DOWEL	EACH
12 075	LESA HI-MOVE SLEEVE W 100 X 150 X 10MM GALV PLATE DOWEL	EACH



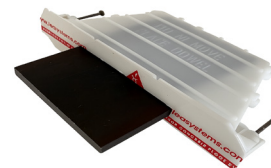
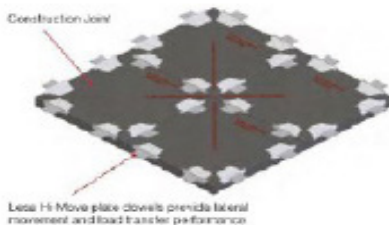
STEP 1: Mark the form for slab centre and HI-Move plate dowel spacing. Using nails provided fix the HI-Move dowel sleeves to the form.



STEP 2: Set the form to line and level as normal. Place and finish concrete. Edge of slab must be vibrated to consolidate concrete around the HI-Move sleeves.



STEP 3: Strip the form. Forms should be cleaned and stored for reuse. Insert the HI-Move plate dowel when required prior to concrete pour.



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