LOW FRICTION BEARING STRIP

The Low Friction Bearing Strip is designed to allow movement between load-bearing elements and the support structure.

The smooth upper face of the strip allows the precast floor slab to move or rotate slightly with temperature or shrinkage movements, while the ribbed bottom face grips the bearing surface, preventing the strip from working its way out under cyclic movements.

Applications
- Designed to be placed between precast concrete floor slabs and a supporting wall, corbel or beam.
- To be used between any Hollow Core, T Section, Double T precast concrete floor and the concrete support the floor rests on.

Installation
- Bearing strip must be a minimum of 15mm from an unarmoured edge.
- Score bearing strip at desired length and snap it.
- Bearing strip can be glued down with the smooth side up using water-based adhesive.

KEY FEATURES
- Design allows precast floor slabs to slide on the top surface of the strip, while the underside firmly grips the wall or beam.
- Ribbed underside ensures that the Low Friction Bearing Strip does not work out as the supporting floor goes through daily temperature cycles.
- Made in 2.4m lengths of 100% recyclable impact resistant plastic.
- Should be used with a grouting mortar when there are major irregularities in the bearing surface.

LOW FRICTION BEARING STRIP

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
<th>Length</th>
<th>Width</th>
<th>OA Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>18100</td>
<td>Bearing Strip</td>
<td>2.4m</td>
<td>50mm</td>
<td>3mm</td>
</tr>
<tr>
<td>18101</td>
<td>Bearing Strip</td>
<td>2.4m</td>
<td>75mm</td>
<td>3mm</td>
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</tbody>
</table>
**Specification**

- Bearing strips such as low friction are now required by NZS:3101: Part 1: 2006 and the amendment NZS:4219:2008.

- The Low Friction Bearing Strip satisfies the requirements of clause 18.7.4 for low friction bearing as was used in the Canterbury University Research on the Reinforced Concrete Seating Details of Hollow-Core Floor Systems.

- Bearing strips at un-armoured edges shall be set back a minimum of 15mm from the edge or at least the chamfer dimension at chamfered edges.

**HOLLOW-CORE SEATING DETAIL**

- CANZAC 10mm Easy Foam
- Topping Pad with Ductile Mesh 500 Grade Bars
- Supporting Wall or Beam
- Low Friction Bearing Strip Set Back 15mm
- Hollow-Core Unit
- CANZAC 10mm Easy Foam
- Low Friction Bearing Strip Set Back 15mm
- Hollow-Core Unit
- Supporting Steel Beam

*Please Note: Not to scale, indicative only.*