

# SLIPSTRIP™ 2

Low capacity bearing slips made from dense extruded polyethylene sheet for fixed end rotation joints or as a low friction, structural slip membrane

## Product Applications

SLIPSTRIP™ 2 is an economical low capacity, low friction bearing strip which can be used under in-situ or precast concrete slabs and beams, structural steelwork bearing plates and pipe supports to form a thin sliding joint. It is extruded from specially formulated polyethylene to form a durable laminate which is resistant to most chemicals, solvents and weathering.

SLIPSTRIP™ 2 is therefore ideal as a permanent bearing strip in all conditions of exposure subject to the loading conditions. The bearing strips are formed by layering two sheets together, smooth to smooth face, with drafting tape or similar to prevent the ingress of fines and concrete grout between the sliding faces.

The textured bottom layer is then bonded on to a smooth true bearing substrate with Pak Adhesive. Concrete is then cast onto the top layer. Two layers of SLIPSTRIP™ 2 can also be used for sliding wall joints, pre-stressed, post-tensioned circular concrete tanks or similar structures provided the safe load bearing capacity is not exceeded.

## Product Advantages

- **Economic** – easily installed on flat surfaces without affecting bearing height
- **Thin section** – allows use in restricted areas; does not effect concrete cover
- **Low coefficient of friction** – prevents drag and spalling at extreme edges
- **Deformable** – accepts minor irregularities in concrete surfaces, prevents locking-up of bearing
- **Positive separation** – creates slip-plane between dissimilar building materials
- **SLIPSTRIP™ 2** – for sliding joints having a max load – 0.7 N/mm<sup>2</sup> with coefficient of friction – 0.15

### PERFORMANCE

#### SLIPSTRIP™ 2

Maximum load	0.7 N/mm <sup>2</sup>
Coefficient of static friction	0.15
Operating Temperature	-29°C to 50°C

## Installation

Do not bond into position when temperature is below +5 °C.

The bearing substrates should have a steel float finish and be true, smooth, dry, free from dust and debris before bonding the two layers of SLIPSTRIP™ 2 on to the surface.

SLIPSTRIP™ 2 of the appropriate width must be formed into an enclosed envelope to prevent the ingress of fines and concrete grout by sealing the edges and all staggered joints with masking tape or similar prior to installation and pouring of concrete. The smooth faces must be married together with the textured faces on the outside.

Joints between layers should be staggered wherever possible and circular fabrications should be formed in short chord lengths with staggered joints.

Pak Adhesive should be applied by brush in a full bodied coat on to the bearing surface and to the textured face of SLIPSTRIP™ 2. When touch dry the SLIPSTRIP™ 2 should be offered carefully into position and well rolled to achieve full contact bonding. For full instruction on the use of Pak Adhesive refer to the application guide on the can.

#### SUPPLY

##### SLIPSTRIP™ 2

150 mm wide	1.5 mm thick x 25 m rolls
300 mm wide	1.5 mm thick x 25 m rolls

##### Ancillary Products

Pak Adhesive	5 litre can Full coverage 5 sq m per litre
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##### Complementary Materials

SERVESEAL® external waterstops	For construction/expansion joints
SERVITITE®	Internal waterstops for critical structures
BITUTHENE® 4000/4000S	Flexible cold-applied sheet membranes for waterproofing reservoir roofs
AEROFIL® 1, AEROFIL® 2	Filler Boards, for expansion/movement joints

**Material by Others:** Masking tape to form slip layer envelope.

**Equipment by Others:** Stanley knife for trimming.

## Specification Clause

Two layers of SLIPSTRIP™ 2 to be formed into an envelope to the nominated width shown on the detailed drawings and fixed in position with Pak Adhesive at the rate of 5 m<sup>2</sup>/litre on to a smooth true bearing surface, strictly in accordance with the manufacturer's instructions and supplied by GCP Applied Technologies.

## Health and Safety

There is no legal requirement for a Safety Data Sheet (SDS) for SLIPSTRIP™ 2. For Pak Adhesive read the product label and SDS before use. Users must comply with all risk and safety phrases. SDS's can be obtained from GCP Applied Technologies or from our web site at [gcpat.com](http://gcpat.com).

gcpat.ae | United Arab Emirates customer service: +971 4 5139560

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Last Updated: 2025-05-15

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