



SpEC Slip Joint Membrane

LOW FRICTION SLIDING JOINT STRIP

DESCRIPTION

SpEC Slip Joint Membrane is a low capacity, low friction bearing strip suitable for use under concrete slabs and beams, structural steel members, bearing plates, pipe supports, etc. It provides a thin sliding joint between similar or different surfaces such as concrete, blockwork, brickwork and steel.

TYPICAL USES

SpEC Slip Joint Membrane may be used as permanent sliding and bearing strips in all conditions of exposure subject to the loading conditions given in the Technical Data. Such applications include, but are not limited to, sliding joints under:

- Slabs resting on walls, beams or columns
- Concrete or steel beams resting on walls or columns
- Bearing plates resting on walls or columns
- Pipe supports resting on bases

SpEC Slip Joint Membrane may also be used as separation or debonding layer between dissimilar materials.

ADVANTAGES

- Water and moisture resistant
- Wide application range
- Compatible with a wide variety of constructions materials
- Easy to use
- Available in a variety of sizes to suit most common site conditions

TECHNICAL DATA

Form	Extruded high density polyethylene strips
Nominal Thickness	2mm
Maximum Working Load	0.25N / mm ²

Coefficient of Static Friction 0.20

Service Temperature -30°C to +85°C

APPLICATION

Surfaces on which **SpEC Slip Joint Membrane** are to be placed must be level, smooth, clean, dry and rust-free. Chip out any protrusions and fill holes, cracks, broken edges, etc with a proprietary repair mortar. Cementitious substrates must be steel float finished.

SpEC Slip Joint Membrane is normally used in two layers to provide a low friction sliding interface. Cut the strips to the required size and place them over each other, binding the edges with drafting tape to avoid ingress of foreign material. For long lengths stagger the joints between the upper and the lower layers. Secure the twin layers in position over the clean and dry lower surface using a good quality double sided tape or contact adhesive.

When used as a separation or debonding strip, **SpEC Slip Joint Membrane** may be fixed in a single strip between the adjacent surfaces.

APPLICATION TEMPERATURE RANGE

4°C to 55°C

PACKAGING

SpEC Slip Joint Membrane is supplied in roll form with the following sizes:

Type	Width, mm	Roll Length, m
1	150	25
2	200	25
3	300	25

Other widths can be supplied to order subject to minimum quantities.

STORAGE

SpEC Slip Joint Membrane is supplied in individual rolls. Store off the ground in cool and dry conditions.

HEALTH AND SAFETY

There are no health hazards associated with normal use of **SpEC Slip Joint Membrane**. Use of protective gloves is recommended when working with cutting tools to avoid risk of injury. Dispose of all waste in accordance with the local environmental regulations.

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