

REC JOINT FILLER 313

BITUMEN IMPREGNATED FIBREBOARD

DESCRIPTION

REC JOINT FILLER 313 is a compressible joint filler and protection board manufactured from bitumen impregnated wood fibers. It is supplied in sheet form and is used to form and fill expansion joints in in- site and precast concrete construction.

PRIMARY APPLICATIONS

REC JOINT FILLER 313 is a compressible, non-extruding, bitumen impregnated fiber board expansion joint filler suitable for forming joints in in-situ or precast concrete components, and to protect waterproof membranes against physical or mechanical damage.

Forming structural expansion and separation joints in:

- Concrete pavements and floors
- Roads, ramps and runways
- Pedestrian areas
- Concrete retaining walls and bridges
- Concrete basement structures and subways.

FEATURES/BENEFITS

- Easy to handle, cut and tamp
- Resilient
- Will not extrude under compression
- High recovery
- Low distortion

TECHNICAL INFORMATION

Form	Compressible sheet
Solids content	100%
Bitumen content	≥35%
Recovery	Pass (ASTM D1751)
Weathering test	No disintegration (DTp CI 1015)
Extrusion	Pass (ASTM D1751)
Distortion	Pass (ASTM D994)
Brittleness	Does not crack or shatter (ASTM D994)

STANDARDS COMPLIANCE

REC JOINT FILLER 313 has been independently tested and complies with DTp Specification for Highway Works, Dec 1991 series 1000 clause 1015.

DIRECTIONS FOR USE

SLABS

Where used to form an expansion joint in in-situ concrete, **REC JOINT FILLER 313** shall be placed against the shuttering on the concreting side before the pour begins. Copper nails may be used to prevent displacement in joints in suspended slabs.

Alternatively, **REC JOINT FILLER 313** may be bonded to the existing slab or previous pour using a suitable contact adhesive. Care should be taken not to contaminate surfaces of the sealing slot with the adhesive.

JOINT SEALING

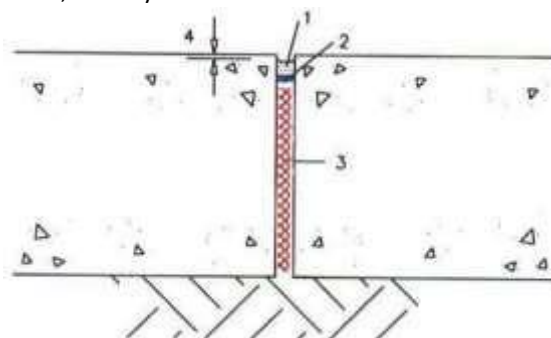
A joint sealing slot can be formed by placing a removable timber former on top of the **REC JOINT FILLER 313**. Alternatively, **REC JOINT FILLER 313** can be installed to the full depth of the slab and cut back to the required depth subsequently using a power brush machine. This latter method is generally used for slabs

which cannot be cleaned and sealed until all building construction has finished. **REC JOINT FILLER 313** should be tamped down to ensure that it fills the joint completely and provides continuous support for the joint sealant.

DESIGN CRITERIA

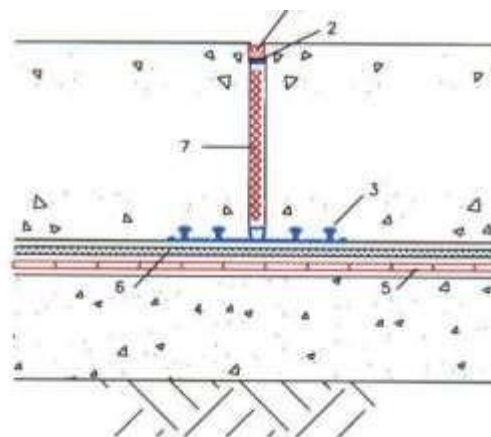
Typical sealed expansion joints in roads, industrial floors, runways and other trafficked surfaces.

1. Joint Sealant
2. Bond Breaking Tape
3. Rec Joint Filler 313
4. Recessed seal



An example of a sealed substructure expansion joint is shown below.

1. Rec Flex PS660
2. Bond breaking tape
3. Rec PVC Water stop
4. Blinding concrete
5. Polymer Modified Bitumen Membrane
6. REC Protection Board
7. **Rec Joint Filler 313**



PACKAGING AND STORAGE

REC JOINT FILLER 313 is available 1.22 m x 2.20 m sheet thickness 12mm, 19mm, and 25mm.

Storage As with all organic materials there is a very slight risk of spontaneous combustion if stored long term in wet conditions. Store under cover, in a dry, flat, clean and sound conditions.

HEALTH & SAFETY

There is no health hazards associated with **REC JOINT FILLER 313** in normal use. **REC JOINT FILLER 313** is combustible and will catch fire if exposed to flame or other sources of ignition.

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