



SpECcell Fibre 35

BITUMEN IMPREGNATED FIBRE BOARD JOINT FILLER

DESCRIPTION

SpECcell Fibre 35 is a high bitumen content fibre board made from highly resilient selected plant fibres. **SpECcell Fibre 35** is a compressible, non-extruding, bitumen impregnated fibreboard expansion joint filler suitable for forming expansion joints in structures such as insitu concrete, brick and blockwork, and is a tough, durable material when used as a protection course for membrane waterproofing.

TYPICAL USES

SpECcell Fibre 35 may be used in the following applications where a high bitumen content filler is required:

- Joints in trafficked surfaces, bridges, roads, runways and pedestrian areas
- As a temporary filler in expansion joints
- Joints in concrete roofs, external walls, cladding and floors
- As a filler in structural separation joints between buildings, in brickwork, concrete and block construction
- As a separator strip in slab pavement construction

ADVANTAGES

SpECcell Fibre 35 completely fills the joints under repeated cycles of expansion and contraction and will not support dry or wet rot, fungus attack or similar forms of deteriorating agents.

RELEVANT STANDARDS

SpECcell Fibre 35 complies with the requirements of ASTM D1751 and D994 for the properties shown in the technical data below.

TECHNICAL DATA

Form	Compressible sheet
Density (ASTM D1751, air dry)*	304kg/m ³
Recovery	50%

Compression (ASTM D1751)*	70%
Extrusion	50%
Compression (ASTM D1751)*	6mm
Bitumen content (ASTM D1751)*	35 +/- 5
Brittleness (ASTM D994)**	No sign of crack or shatter
Distortion (ASTM D994)**	1.5mm
Service temperature range	-10 to +75 oC

***ASTM D1751** relates to bitumen impregnated fibreboards.

****ASTM D994** relates to asphaltic filler boards encased between asphalt saturated glass fibre felt layers.

APPLICATION

SpECcell Fibre 35 is a compressible joint filler in sheet form, used to form and fill expansion, isolation and control joints.

In Concrete

SpECcell Fibre 35 can be placed against formwork on the concreting side prior to placing the first section of concrete and is left in place on removal of the formwork. The subsequent pour is then cast directly against the **SpECcell Fibre 35**. The fibre-board is then cut back later to form the sealing slot.

In brick and blockwork

SpECcell Fibre 35 should be installed, whilst laying brick or blockwork, in such a way that a sealing slot, of the dimensions required, is formed.

Protection Course

SpECcell Fibre 35 should be installed to provide a continuous protection layer over the waterproof membrane. **SpECcell Fibre 35** may be bonded to the membrane using a rubberised bitumen mastic or other suitable adhesives.

PACKAGING & SIZES

SpECcell Fibre 35 is available in the following sizes:

Thickness 10, 12.5, 19 & 25mm

Board size 1220mm x 2200mm

STORAGE & SHELF LIFE

SpECcell Fibre 35 has a shelf life of 2 years if stored in cool, dry conditions.

HEALTH & SAFETY

There are no health hazards associated with the normal use of **SpECcell Fibre 35**.

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