



HUNTON EJF

Bitumen impregnated Fibre Board Joint Filler & Protection Board

DESCRIPTION

HUNTON EJF is a compressible non-extruding fibre board expansion joint filler made from highly resilient softwood fibres. HUNTON EJF is suitable for forming expansion joints in structures such as insitu concrete, brick and blockwork and can also be used as a protection board for membrane waterproofing.

APPLICATIONS

HUNTON EJF has been approved throughout the world for a wide variety of applications. These include :

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

HUNTON EJF is also used as a protection board against backfill for below grade waterproofing on vertical areas and pressure formed by horizontal multi level slabs.

HUNTON EJF, when used as a protection board, protects, waterproofing membranes from construction abuse and

harmful puncture by rock and aggregate during backfilling and at the time of later settlement.

SPECIFICATION COMPLIANCE

HUNTON EJF meets or exceeds the requirements of the following specifications.

- American Society for Testing Materials
ASTM D-1751-83 / D 545-84 / D-994.
(See Note on Asphalt Content).
- AASHTO - M - 33 - 71.
- US Federal Spec HH-F-341F, Type III.
- BS 1142 : 1989 - " Fibre Building Boards"
- U.K. DOE Specs For Road & Bridge Works Clause 2630.
- U.K. Department of Transport
Specifications For Highway Works Part 3
- Clause 1015, 1991

MANUFACTURE

Highly resilient softwood fibres are coated with bitumen when in pulp form, to ensure that each individual fibre receives a waterproof coating. When the fibres are pressed into a homogeneous board in the final stage of manufacture, all traces of bituminous moisture are extracted.

HUNTON EJF is thus dry and clean and cannot exude any form of staining matter. HUNTON EJF board fibres are fully saturated with bitumen though the bitumen content is kept to a minimum to avoid its

extrusion under pressure, which could cause unsightly staining on construction materials.

PROPERTIES

HUNTON EJF meets the following requirements.

- It completely fills a joint under repeated cycles of expansion and contraction with minimum extrusion.
- It is resistant to moisture penetration and ice formation in the joint.
- It is immune to dry and wet rot, fungus attack or similar forms of deterioration.

TECHNICAL DATA

- Form : Compressible Sheet
- Storage Life : Two years in dry conditions under cover
- Thickness : 10, 12, 18 & 25mm
- Sheet Size : 1.22 x 2.20 m
- Solid Contents : 100 %
- Density : >350 kg / cm³
- Recovery : After compression test > 70 %*
- Extrusion : At 50% Compression: < 6 mm*
- Weathering : No disintegration*
- Water Absorption : < 15% *
- Loss Weight : < 1% *
- Penetration : 25% *
- Asphalt Content : > 20%

* Test done ASTM D 1751.

INSTRUCTION FOR USE

HUNTON EJF is a compressible joint filler in a sheet form and fill expansion joints.

In Concrete:

HUNTON EJF can be placed against the shuttering on the concreting side before the first pour begins, and is retained on removal of shuttering. The second placed concrete is then cast cut back to form a sealing slot.

In Brick and Blockwork:

HUNTON EJF should be installed whilst laying brick or blockwork and should be so placed that a sealant slot of the required dimensions is formed.

Protection Board:

HUNTON EJF can be bonded to the membrane by using a rubberized bitumen mastic or a double sided adhesive tape, and should be laid to form a continuous protection board.

HEALTH & SAFETY

There are no health hazards associated with HUNTON EJF in normal use. Wear protective gloves when handling the material.

Whilst the information and/or specification given are to the best of our knowledge true and accurate, no warranty is given or implied in connection with any recommendations or suggestions made by us, our representatives, agents or distributors as the conditions of use and any labour involved are beyond our control.



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