



**STANDARD TECHNICAL  
SPECIFICATION FOR PREMOULDED  
BITUMINOUS JOINT FILLER  
AND SEALING COMPOUND**

PEDC/STD.SPEC/  
25- REV 00

Page 1 of 2

HYDERABAD

**PREMOULDED BITUMINOUS JOINT FILLER  
AND SEALING COMPOUND**

REV. NO.	PRAPARED	APPROVED	DATE
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Page 2 of 2

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## 1.0 .0 SCOPE

The work under this section sources supply of all materials and all operations required for sealing of joints in concrete.

## 2.0 Material

Premoulded joint fillers shall be of non-deteriorating and resilient type conforming to IS:1833. Sealing Compound shall be of grade “B” as per IS:1834, Bitumen shall conform to IS:3384.

## 3.0 Fixing of Joint Filler

- 3.1 The concrete surface shall be made clean , smooth and free from dirt or loose particles. When the surface is completely dry, a coat of hot blown bitumen conforming to IS:702 of grade 85/25 shall be given with brush or spray. When the bitumen is still hot, the premoulded joint filler fibre board shall be pressed against the surface held in position, till the time it automatically remains fixed in position. Where the joint filler has been specified in two layers, the second board will be fixed as above with a few jacking patches of bitumen between the two. After placing the filler in position, the surface of filler against which further concreting is to be done is given a coat of bitumen.

## 4.0 Filling of Joint Sealing Compound

- 4.1 Before application of the sealing compound, the sides of the joints are sprayed of brushed with bitumen primer. The primer is then allowed to dry out thoroughly for at least 24 hours and then filled with a mix of 30% fine sand and 70% sealing compound by weight.

## 5.0 Measurement

- 5.1 Joint filler shall be measured in square meter and sealing compound in lineal meters as per dimensions shown in drawings both correct to two decimal places.