

## 4B Joint Board-HDPE

### Product Name:

4B Joint Board-HDPE.

### Product Description:

4B Joint Board-HDPE is a preformed Expansion Joint Filler Board for joints in concrete highways, paving curbs, gutter, floors and in all concrete buildings and brick structures. It is manufactured to be a non-absorbent cross-linked board into a compressible non extruding board. Its compressibility and resilience enables it to perform under pressure, and recovers to its original dimension when pressure is removed.

### Characteristics / Advantages:

- Withstand repeated cycles of expansion and compression without extruding.
- Formaldehyde free.
- Virtually unaffected by temperature changes.
- Accommodates hydrostatic loads.
- No extrusion.
- High recovery.
- Rot proof.
- Non absorbent.
- DE bonds the sealant.
- Prevents load transfer across joints.
- Easy to use.

### Uses:

- is installed against existing concrete at columns and against adjacent structures or flat work before the placement of the subsequent concrete.
- For floors, paving and runways it is installed below the elevation of the concrete surface when the joint is to be filled later to the surface elevation with a proper sealant.

### Product Information:

Composition	Closed Cell Polyethylene
<b>Volatile Organic Content</b>	VOC = 0g/m <sup>2</sup>
<b>Appearance / Color</b>	Black
<b>Water absorption</b>	<0.1%
<b>Density</b>	50 kg/m <sup>3</sup>
<b>Tensile Strength</b>	22 N/mm <sup>2</sup>
<b>Packing</b>	10mm*1.2m*2m 15mm*1.2mm*2m 20mm*1.2m*2m
<b>Elongation</b>	110%
<b>Recovery at 50% compression</b>	94%

### Shelf Life & Storage conditions:

The product does not expire if properly stored, should be stored on a flat dry surface.

### Application Instructions:

- Can be cut to size on site with a sharp knife or any normal hand and circular saw.

### Basis Of Product Data:

All technical data stated in this Product Data Sheet are based on laboratory tests. Actual measured data may vary due to circumstances beyond our control.

### Health and Safety:

For information and advice on the safe handling, storage and disposal of chemical products, users shall refer to the most recent Material Safety Data Sheet containing physical, ecological, toxicological and other safety-related data.

### Legal Notes:

The information, and, in particular, the recommendations relating to the application and end-use of 4B products, are given in good faith based on 4B's current knowledge and experience of the products when properly stored, handled and applied under normal conditions in accordance with 4B's recommendations. In practice, the differences in materials, substrates and actual site conditions are such that no warranty in respect of merchantability or of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be inferred either from this information, or from any written recommendations, or from any other advice offered. The user of the product must test the product's suitability for the intended application and purpose. 4B reserves the right to change the properties of its products. The proprietary rights of third parties must be observed. All orders are accepted subject to our current terms of sale and delivery. Users must always refer to the most recent issue of the local Product Data Sheet for the product concerned, copies of which will be supplied on request.