

# X-Seal JointBoard

## Closed cell cross-linked polyethylene joint filler board

### Product Description

X-Seal JointBoard is a non-absorbent cross-linked polyethylene joint filler board that can withstand hydrostatic loads such as those found in water retaining structures.

### Advantages

- Meets SCAQMD Rule 1168 & LEED VOC Limits
- Formaldehyde free
- Accommodates hydrostatic loads
- No extrusion
- High recovery
- Non toxic
- Rot proof
- Non absorbent
- Debonds the sealant
- Prevents load transfer across joints
- Easy to use

### Uses

- Debonding and support of joint sealants in high load situations
- Water reservoirs and tanks
- Canals
- Basements
- Wastewater structures

### Specification Compliance

SCAQMD Rule 1168  
LEED NC2009 IEQ 4.1  
BS6920  
UK DTp Highway Works  
ASTM D1752 (performance)  
AASHTO M153 (performance)  
Water Authorities Association  
ASTM D3575

### Laboratory Test Data

Property	Typical Results
Density	55 to 65kg/m <sup>3</sup> (3.3 to 4.0lbs/ft <sup>3</sup> )
Elongation	100%
Water absorption	<0.1%
Recovery at 50% compression	94%
Extrusion	<0.5mm (200mils)

### Volatile Organic Content

VOC = 0g/m<sup>2</sup>

### Sizes (Nominal Thickness)

10mm	15mm	20mm	25mm	40mm
3/8"	9/16"	3/4"	1"	1 1/2"

### Packaging

1m (3.28ft) x 2m (6.56ft) boards.

### Shelf Life

Indefinite when stored under shade in a dry environment.

### Installation Guidelines

X-Seal JointBoard is easily cut to size using a sharp craft knife.

Joint sealing slots can be formed by cutting off a strip to the required sealant depth, then pinning it back into position using a nail 10mm (3/8") longer than the cut strip at 100mm (4") centers.

Install the cut-to-size board flush with the concrete surface. When ready for sealing, just pull away the nailed cut strip to reveal a clean slot ready for sealing.

When using a primer, take care not to have any primer on the surface of the board.

If the primer contaminates the board, it will lose its debonding ability. The sealant will then have to be debonded by the use of debonding tape, applied to the top surface of the board prior to sealing.

### Health and Safety

**This product is not considered hazardous.**

### Authorized Technical Specialist

Please note that only NCC X-Calibur Authorized Technical Specialists ('ATSSs') are permitted to change any of the information in this data sheet or to provide written recommendations concerning the use of this product. Visit [www.ncc.com.eg](http://www.ncc.com.eg) for a full list of NCC X-Calibur ATSSs.

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### **Datasheet Validity**

NCC X-Calibur makes modifications to its product datasheets on a continuous basis. Please check the datasheet update section on [www.ncc.com.eg](http://www.ncc.com.eg) to ensure you have the latest version.

### **Warranties**

NCC X-Calibur supplies products that comply with the properties shown on the current datasheets. In the unlikely event that products supplied are proved not to comply with these properties, then we will replace the non-compliant product or refund the purchase price. NCC X-Calibur does not warrant or guarantee the installation of the products as it does not have control over the installation or end use of the products. Any suspected defects must be reported to NCC X-Calibur in writing within five working days of being detected. NCC X-Calibur Construction Chemicals **makes no warranty as to merchantability or fitness for a particular purpose and this warranty is in lieu of all other warranties express or implied.** NCC X-Calibur Construction Chemicals shall not be liable for damages of any sort including remote or consequential damages, down time, or delay.