

CRESBOARD BI is an economical, semi-rigid, bitumen impregnated board, designed as a joint filler material particularly for expansion joints in concrete that also provides support and accurate depth measurement for subsequent joint sealant materials. Bitumen is incorporated into the board during manufacture to improve its moisture resistance and durability.

CHARACTERISTICS

- Easy to install.
- Multi-purpose bituminized softboard made from natural wood fibres for roof, wall and floor in concrete and timber constructions.
- Excellent recovery after 50% compression.
- Good thermal insulation properties.

USES

CRESBOARD BI is typically used to fill expansion and movement joints in in-situ or pre-cast concrete, particularly on large civil engineering structures such as bridges, tunnels and dams.

APPLICATION

New Expansion Joints

Cut the **CRESBOARD BI** using a sharp knife or hand saw to the desired length and shape to fill the full depth of the expansion joint. A contact adhesive can be used to spot bond the **CRESBOARD BI** in place. Allow the contact adhesive to set before constructing the other side of the joint. After concreting the other side of the joint, rake out the board to the same depth as the sealant that will be applied to finish the joint.

Apply a bond tape to the bottom of the joint on top of the **CRESBOARD BI**, and seal the joint with an appropriate sealant from the **CRES range**.

Existing Expansion Joints

For existing expansion joints in concrete and for all joints in brickwork, blockwork and masonry, in accordance with **BS 5628-3:2001**. The Code of practice for use of masonry,

We recommend using a closed cell polyethylene filler board such as **CRESFILL PE**, as it has higher compression & recovery, without the risk of load transfer or reflective cracking through the designed joint.



TECHNICAL PROPERTIES

Description	Value	Standard
Color	Brown	-
Size	1.22 m x 2.20 m	-
Thickness,mm	10,12,18 & 25	-
Density,Kg/m ³	>230	ASTM D 545
Extrusion@ 50% compression,mm	<6	ASTM D 545
Recovery within 10 min after 50% compression,%	>70	ASTM D 545
Compression @50%,psi	>100	ASTM D 545
Water absorption,%	<15	ASTM D 545
Bitumen Content,%	10, 20 & 35	ASTM D 545
Weight loss during 50% compression,%	<3	ASTM D 1751
Stress required to compress the test Specimen to 50% of normal thickness	689 KPa < P < 5175 KPa	ASTM D 1751
Fire Class	Class E	EN 13501-1

All values given are subject to 5-10% tolerance.

Complies with ASTM D 1751 -04, test procedure according ASTM D 545-99.

CLEANING

Clean tools immediately after use in a strong soap solution. Keep brushes soaking in this solution between applications. Hardened it needs physical scraping followed with treatment in white spirit.

SUPPLY

CRESBOARD BI sheet size: 1.22 m x 2.2 m sheet in 10mm, 12mm, 18mm and 25mm thicknesses. Sheet sizes may vary from above, Please check for the stock and availability of sizes and densities.

LIMITATIONS

Avoid application if the work area may be subject to the onset of rain or moving water.

SHELF LIFE

To maximize the shelf life always store products in environment, away from direct sunlight. Damaged packaging, high humidity or extreme temperatures may reduce the shelf life.

HEALTH AND SAFETY

Always use appropriate PPE including gloves, goggles and a barrier cream to avoid contact with skin and eyes. Should contact with skin or eyes occur, wash immediately with plenty of clean water and seek medical advice.

Product Disclaimer:

Kanz chemical Ind. LLC products are guaranteed against defective materials and are sold subject to standard terms and condition of sale, copies of which are available on request which are reasonable. All recommendations regarding the use of product are made without guarantee since the conditions of use are beyond the company's direct control. It is the customer's responsibility to ensure each product is fit for the purpose for which they intend to use it. Furthermore the specifications and description herein cannot be used to void a contract.

*Refer material safety data sheet (MSDS) for further information.