

# **HIBOND EPOXY EXPANSION JOINT**

## **DESCRIPTION**

HiBond Epoxy Expansion Joint is a two part pourable grade epoxy. HiBond Epoxy Expansion Joint is easy to mix, giving good self levelling properties and can be poured directly into horizontal joints.

## **USES**

For sealing internal joints subject to heavy industrial use in factory and warehouse floors.

## **ADVANTAGES**

Good chemical resistance to minerals, acids, alkalis and petroleum based fuels. (For specific chemical resistance data please contact our technical department.)

Provides a tough resilient cure Excellent adhesion, without a primer, to clean dry concrete.

Suitable for use in wide joints

Choice of colours

Good abrasion resistance

Good flexibility giving high movement capability

## **PROPERTIES**

Pot Life (at 20°C)	40 - 60 minutes
Service Temperature Range	-20°C to 85°C
Application Temperature Range	5°C to 30°C
Initial Cure Time ( at 20°C) (suitable for light traffic)	24 hours
Full Cure (at 20°C)	7 days
Shore D Hardness	60
S.G.	1.5

## **MIXING AND APPLICATION**

HiBond Epoxy Expansion Joint system is supplied in correct mixing ratio. Add the full contents of the Curing Agent Component "B" into the Resin Component "A". Mix together for at least five minutes until a uniform colour is obtained.

After a thorough mixing the material can be poured directly into the prepared joint to the required level. It may be necessary after a few minutes to top up the level of the HiBond Epoxy Expansion Joint after it has flowed into all the void areas.

The uncured material and any tools can be cleaned off with HiSolve. Do not use for hand cleaning.

## **ESTIMATING**

The total quantity of HiBond Epoxy Expansion Joint required can be worked out by using the following calculation factor:-

Joint Width (cm) x Joint Depth (cm) x Joint Length (cm) / 1000 = No. Of Litres approx.

X 1.5 for kg.

## **PACKAGING**

HiBond Epoxy Expansion Joint is available in various pack sizes. (For further information regarding the pack sizes and quantities required, please check with our technical department)

## **ADDITIONAL INFORMATION**

Thixotropic grade can also be made available for areas where good sag resistance is required.

## **HEALTH AND SAFETY (see separate health and safety data sheet)**

It is recommended that barrier creams, gloves and protective clothing is used when using HiBond Epoxy Expansion Joint. In case of contact with the eyes, rinse immediately with plenty of water and seek medical advice. After contact with skin, wash immediately with plenty of soap and water.

## **WARRANTY DISCLAIMER**

The technical data herein has been compiled for your help and guidance and is based upon our experience. As we have no control over the use to which our information is put, no warranty, expressed or implied is intended or given and we cannot be held responsible for coverage, performance or any damages incurred.

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## **CLEANING**