



# Flexijoint

## Movement Joint Sealant

### DESCRIPTION

Flexijoint is a two-pack flexible joint sealant formulated from a carefully selected blend of epoxy resins to produce a long lasting elastomeric seal with excellent extension recovery and adhesion. When cured Flexijoint can accommodate cyclical substrate movements over a wide range of ambient temperatures.

### USES

Flexijoint is a high performance flexible epoxy resin based material used for sealing movement joints in concrete floors and other construction elements. Flexijoint is designed for use in movement joints up to 12mm wide.

### ADVANTAGES

- **Movement capabilities** long service life
- **Chemically resistant** Flexijoint can be used in aggressive environments
- **Adhesion to concrete & brick** Product is easy to apply and does not require a primer in most cases
- **Colour range** Flexijoint is available in a range of colours

### PHYSICAL PROPERTIES

- |                                    |                                   |
|------------------------------------|-----------------------------------|
| • <b>Specific Gravity</b>          | 1.089                             |
| • <b>Pot Life (150 gm mess)</b>    | 2 hours @ 20°C                    |
| • <b>Service Temperature Range</b> | 10°C - 70°C                       |
| • <b>Cure Time @ 20°C</b>          | Initial – 24 hours / Final 7 Days |
| • <b>Movement accommodation</b>    | 5 – 10%                           |

(Below 20° C these times will be increased)

### CHEMICAL RESISTANCE

Flexijoint is resistant to a wide range of chemicals. Specific data is available on request.

### COLOURS

Flexijoint is available in a range of colours. For details refer to colour chart.

### TEMPERATURE

Flexijoint should not be applied at temperatures below 10° C and above 40° C

### INSTRUCTIONS FOR USE

#### JOINT PREPARATION

Joint surfaces must be clean, dry and free from contamination, dust or laitance. Remove all dirt, surface laitance, contamination or residual joint fillers from all joint surfaces by power wire brushing, grinding or grit blasting. All dry residual dust from joint cutting operations should be completely removed using a rotary power brush or dry abrasive blasting. Blow all joints clean using any oil free compressed air. In order to obtain neat, straight edged seals, the joint edges may be masked with self adhesive tape.

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## PRIMING

A primer is not normally required when using Flexijoint in a dry sound, well prepared cementitious joint or in a joint for which the joint edges have been reformed using Conren's Patchfast or Conren's FS Screed. Very porous joint edges may be primed using Conren Primer 'S'. Primer 'S' should be left to cure for at least 90 minutes before applying Flexijoint.

## MIXING AND APPLICATION

The two components of Flexijoint are supplied in the correct mixing ratio. Add the entire contents of the hardener container into the base container. Mix together for 2 minutes using a mixing paddle or a slow speed drill (400/500rpm) fitted with a suitable stirrer. Ensure that the Flexijoint is thoroughly mixed. The walls of the container should then be scraped down to ensure that the unmixed components do not remain around the sides. The Flexijoint should then be mixed for a further 2 minutes. The total mixing time should be around 4 minutes.

**APPLICATION** – After thorough mixing the Flexijoint can be gunned or knifed directly into the prepared joint to the required level. Flexijoint should be used immediately after mixing.

## COVERAGE AND PACK SIZES

Pack Size kg	Pack Size ltr
2.5kg	2.29 ltr
5kg	4.59 ltr

### Estimating Flexijoint Quantities

Quantity of sealant required in litres:

$$\text{Quantity} = \frac{\text{joint width (mm)} \times \text{Sealant depth (mm)} \times \text{Joint length (m)}}{1000}$$

An allowance should be added for wastage

## DISPOSAL

All tools and equipment should be cleaned with water immediately after use. Spillage should be absorbed with sand or sawdust and disposed of in accordance with statutory regulations.

## STORAGE

Shelf life at least 12 months if stored in original containers between 10° C and 25° C

## PRECAUTIONS

For further information on our precautions please see the MSDS.

### Technical Service and Quality Assurance

All information provided in this leaflet is based on results obtained from our own experience and testing which is given in good faith. The information is provided without guarantee as the user will be deemed to have satisfied themselves independently of the suitability of Conren's product for their own particular purpose. Conren Limited cannot be held responsible for any errors as a result of any incorrect information being provided.



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