



Flexijoint

Movement Joint Sealant

USES

FLEXIJOINT is a high performance flexible epoxy resin based material used for sealing movement joints in concrete floors and other construction elements.

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. 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

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

(Below 20°C these times will be increased)

CHEMICAL RESISTANCE

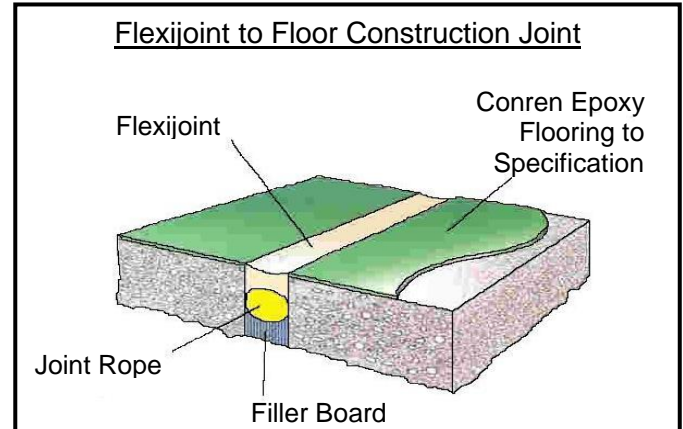
FLEXIJOINT is resistant to a wide range of chemicals. Specific data is available on request.

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.

NEW CONCRETE

For new concrete, clean joints by removing all loose material with a wire brush. Fresh concrete must be fully cured. Laitance must be removed by abrading.

OLD CONCRETE

For old concrete, joints which have been previously filled, remove all old joint sealing materials by mechanical means. If joint surfaces have absorbed oils, sufficient concrete must be removed to ensure a clean surface.

MASONRY

Remove all loose material, ensuring that joint surfaces are clean, dry and structurally sound.

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 SIZE

FLEXIJOINT

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

PRECAUTIONS

FLEXIJOINT is non-flammable. Flexijoint should not be allowed to come into contact with skin and eyes or be swallowed. Epoxy resins and hardeners may act as skin sensitizers to some people. Gloves, goggles and a suitable barrier cream should therefore be used. Ensure adequate ventilation if working in enclosed areas. Skin contamination with any of the products should be removed immediately with soap and water. In the event that mixed resin comes into contact with the skin, it must be removed before it hardens with a good quality resin removing cream, followed by washing with soap and water. Do not use solvent. If accidental eye contamination occurs irrigate with copious quantities of clean water and seek medical advice. If ingestion of any of the materials takes place, seek medical attention immediately. Do not induce vomiting.

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.

CONTRACTING SERVICE

Conren Limited offers a contracting service for the application of all Conren products. This facility is back by a comprehensive technical and after sales service. We are able to contend with most problems in the field.

TECHNICAL SERVICE & QUALITY ASSURANCE

All information provided in this leaflet is based on results obtained from our own experience and test and is given in good faith. The user will be deemed to have satisfied himself independently of the suitability of Conren's products for his own particular purpose. We guarantee to replace, free of charge, any goods supplied by us which are proved to our satisfaction defective, but, as the application of these materials is necessarily beyond our control, we will not accept responsibility for any damage or loss arising wholly or in part from these materials. Except as herein provided, any express or implied condition, warranty, statement or representation, statutory or otherwise as to the quality of the goods is expressly excluded.

SPECIFICATION

Flexible joint sealant to floors shall be Conren Flexijoint.

All products to be applied in accordance with Conren's written instructions.

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