

# Flexible Joint Repair

A HEAVY DUTY FLEXIBLE REPAIR  
FOR EXPANSION JOINTS



# Watco

The UK's leading direct  
supplier of industrial  
strength flooring products



Most concrete floors include expansion or movement joints which are generally filled with a flexible filler. The concrete joint edges can break away with wear and tear and deteriorate quickly as fork lifts and trolleys pass over them. Traditional repairs require the joint edges to be reformed with mortar and the joint filled with expansion materials, a time consuming two stage process.

Watco Flexible Joint Repair eliminates the need to reform the joint edges. The flexible polyurethane mortar fills the joint and broken concrete joint edges in one simple process.

- Repairs broken expansion joints quickly and easily
- Tough, flexible polyurethane formula
- Resists heavy traffic including forklifts
- Ready for use in only 8-12 hours

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## Watco Flexible Joint Repair

### CHEMICAL COMPOSITION

Polyurethane formulation comprising resin, curing agent and aggregate blend.

### APPEARANCE

Grey - Satin

### USES

For filling floor expansion joints.

### JOINT WIDTH/DEPTH

The product can be applied at any depth, but to provide an economical repair, aim to apply at 25mm and a minimum of 5mm. Deep joints can be packed to within 25mm of the surface using a Watco Back Up Rod or similar packing material.

When the product is used to fill a joint and adjacent joint edge damage, keep the width of the repair to a maximum of 100mm and a minimum depth of 5mm.

### Coverage Rate

The following can be used as a guide.

Width (mm)	10	20	30	50	100
Depth (mm)	10	10	15	25	25
Metres	25	12.5	5.55	2	1

### SURFACE PREPARATION

Rake out loose material from the floor joint. The joint sides should be clean and dry. Remove any grease or oil using Watco Concroff and allow to dry.

### Tip

Masking tape can be used to provide neat edges.

Deeper holes can be packed using Watco Back Up Rod or similar. Aim to leave 25mm for the Flexible Joint Repair.

### PRIMING

Prime surfaces using Watco Floor Joint Sealant Primer. Apply by brush and allow approximately 30 minutes to dry (at 20°C).

### MIXING

It is important to mix the 3 components thoroughly. Empty the contents of the smaller tin into the larger tin and mix thoroughly with a spatula or similar wide bladed tool. A slow speed electric drill and mixing blade can be used but also use a spatula to scrape the inside of the tin.

Empty the mixed components into the outer plastic bucket and gradually add the sand, mixing continually. Use immediately.

### POT LIFE

Up to 45 minutes at 15°C - 20°C.

### APPLICATION

Use at a temperature range of 10°C - 30°C.

Trowel into the joint and smooth the surface with a trowel.

### Tip

It is easier to achieve a smooth surface if the trowel is wiped with a cloth dampened with white spirit.

If masking tape has been used, leave in place for about an hour before removing.

### CURING TIME

At 15°C - 20°C allow 8-12 hours for foot traffic and 24 hours for forklifts. Lower temperatures will extend the curing time.

### STORAGE

Store between 10°C and 30°C.

### SAFETY

All product labels provide general safety information. Material Safety Data Sheets are available. Food products must be removed from the area during application and cure.

### ORDERING

Watco Flexible Joint Repair is available direct from Watco UK Limited and through agents worldwide. All Watco products are sold subject to the Company's Standard Conditions of Sale.

The Company and its representatives are often asked to comment on potential uses of Watco products which differ from those described in the Company's data sheets. Whilst in such cases the Company and its representatives will always try to offer helpful and constructive advice, the Company cannot be held responsible for the results of such uses unless they are specifically confirmed in writing by Watco.

### You may need...

If you are ordering Watco Flexible Joint Repair, you may also need:

- **Watco Back Up Rod** - for packing deep joints
- **Watco Floor Joint Sealant Primer** - recommended with Flexible Joint Repair
- **Watco Concroff** - for degreasing the joint
- **Masking Tape**
- **Trowel**

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