

**MAXCRETE 600 – EXPANSION JOINT FILLER**

**Description**

**MAXCRETE 600 – EXPANSION JOINT FILLER** is a coloured, two pack, pourable, flexible epoxy filler/sealant. The consistency of the mixed sealant allows direct pouring of the sealant into horizontal joints.

**MAXCRETE 600 – EXPANSION JOINT FILLER** is hard and tough enough to protect joint edges from heavy wheel loading but possesses sufficient flexibility to accommodate a degree of movement (10% of the joint width).

**MAXCRETE 600 – EXPANSION JOINT FILLER** is particularly suitable for filling saw cut joints in long strip floor construction.

**Features**

- No Primer required
- Excellent adhesion to concrete
- Tough and resilient
- Suitable for wide joints
- Highly resistant to water
- Easy to apply
- Fast curing
- Hygienic and easily cleanable
- Low viscosity

**Properties**

- Pot Life: 1hr @ 20°C
- Specific Gravity: 1.32
- Shore A hardness: 75
- Movement accommodation factor: 10%
- Chemical Resistance: Very good resistance to dilute mineral acids, alkalis, petrol, oils, milk, citric acid, hydraulic fluid, and hot water.

**Colour**

Light grey

## MAXCRETE 600 – EXPANSION JOINT FILLER

### Joint Design

When using **MAXCRETE 600 – EXPANSION JOINT FILLER**, the joints shall be designed to ensure that concrete movement due to shrinkage and temperature fluctuations does not exceed 10% of the joint width

- For joints up to 12mm wide, the depth of sealant should be equal to the width.
- For joints over 12mm wide the depth of sealant should not exceed 20mm.
- Joints over 25mm wide are permissible.

### Surface Preparation

New concrete floors shall be a minimum of 21 days old. Joint surfaces shall be sound, clean and free from laitance, dust, grease and other contaminants.

Joint edges are best prepared by grinding or power wirebrushing; ensuring that all spoil and residual dust is removed by blowing with dry, oil free, compressed air.

De-bonding tape should be used in the base of the joints otherwise a polyethylene foam backing strip should be inserted to the appropriate depth.

### Mixing

Pour the contents of the CURING AGENT container into the BASE container and thoroughly mix, preferably by mechanical means until a uniform consistency is achieved.

Mixing Ratio By Weight = 100 Base : 42.1 Curing Agent

### Application

The mixed material may be poured directly into the prepared joints to level. Alternatively **MAXCRETE 600 – EXPANSION JOINT FILLER**, may be poured into empty cartridge tubes and gunned into the joints using a sealant gun.

It may be necessary to top up to level after a few minutes when the sealant has settled into irregularities.

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**Coverage**

1 ltr of mixed material is sufficient for 10 linear metres of a 10mm x 10mm joint.

**Cure Times**

**MAXCRETE 600 – EXPANSION JOINT FILLER** will have cured sufficiently following 24 hours cure @ 20°C to allow trafficking.

Full chemical resistance will be achieved following 7 days cure @ 20°C.

At lower temperatures cure times will be increased

**Shelf Life**

Store in dry conditions, out of direct sunlight, at temperatures between 10°C and 25°C.

**MAXCRETE 600 – EXPANSION JOINT FILLER** has a minimum shelf life of 12 months when stored in original, unopened containers in accordance with manufacturer's instructions.

**Unit Sizes**

- 1lt composite packs (including base and hardener)
- 2lt composite packs (including base and hardener)
- 5lt composite packs (including base and hardener)

**Product Limitations**

- Do not apply to wet or uncured concrete surfaces.
- Do not apply at temperatures of 3°C or less.

**Health and Safety**

Please ensure good practice is always observed during the mixing and application of this product.

Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

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**Legal  
Notice**

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control.

It is the responsibility of the customer to determine the products suitability for use.

Maxkote accepts no liability arising out of the use of this information or the product described herein.