

### Jointex™ CSG

#### Product Description

Low temperature acrylic-based pourable joint filling compound

*Jointex™ CSG* is a two part acrylic based flexible jointing compound combining a viscous resin and fine graded fillers.

It is specially formulated to achieve a rapid cure at very low temperatures. It offers high strength with excellent elongation characteristics, allowing up to 100% movement within the joint.

#### Typical Uses

*Jointex™ CSG* is ideal for rapid repairs to concrete expansion or construction joints in cold stores and other industrial areas of very low temperature.

**Suitable substrates:** *Jointex™ CSG* may be applied to old and new concrete.

**Colour** *Jointex™ CSG* is grey as standard. Other colours are available to order subject to minimum quantity.

**Packaging:** *Jointex™ CSG* is supplied in pre-measured quantities as a two part 6.0kg unit, comprising of a resin Part 'A' and hardener/filler Part 'B'.

#### Physical Properties

**Density:** 1.85kg/litre

**Compressive strength:** 26N/mm<sup>2</sup>

**Bond strength:** 19N/mm<sup>2</sup>

**Resistance to thermal deformation (VICAT):** 50°C

**Ball impact hardness:** 15N/mm<sup>2</sup>

**Coefficient of thermal expansion:** 79 x 10<sup>-6</sup> k<sup>-1</sup>

#### Coverage

Linear metres per 6kg unit:

Joint Depth	Joint Width				
	10mm	15mm	20mm	25mm	30mm
10mm	37.5m	25.2m	18.7m	15.0m	12.4m
15mm	24.9m	16.5m	12.4m	9.9m	7.7m
20mm	18.7m	12.4m	9.3m	7.5m	6.1m
25mm	15.0m	9.9m	7.5m	6.0m	5.0m

#### Direction For Use

##### Surface Preparation

##### **THOROUGH SUBSTRATE PREPARATION IS ESSENTIAL.**

All joints must be clean, dry and free of dust, loose material or previous joint sealant. Shotblasting is recommended. A gas torch may be used to help remove oil or moisture from the surface.

**If the edges have broken away** - repair using Polycote *Cretex™ MC*. Depending on the extent of the repair, the *Cretex™* material may be supported using a thin polythene covered batten until firm, OR the joint may be totally filled with *Cretex* and re-opened once cured using a suitable width of diamond saw cut, providing a clean edged joint. Please contact Polycote Technical Helpline for advice and the appropriate Data Sheets.

*Jointex™ CSG* does not normally require a primer, unless the substrate is very porous, in which case Polycote *MC Primer CSG* should be used.

The prepared joint should be part filled using flexel or kiln dried sand, leaving a minimum depth of 10mm.

Tape may be applied to mask the surface each side of the joint during pouring, but this should be removed as soon as material is placed.

**Caution** - *Jointex™ CSG* is methyl methacrylate based and has a characteristic odour during the vaporising of the solvent. Although non-toxic and non-injurious to health, this can cause tainting and **OPEN** food products should therefore be removed or sealed during and following application until the vapour has dispersed.

##### Mixing

##### **COOL THE MATERIALS IN A FREEZER PRIOR TO MIXING.**

Empty the resin Part 'A' into a clean plastic mixing container and add the complete quantity of hardener/filler Part 'B'. Mix thoroughly to ensure complete dispersion of the hardener. For best results use a heavy duty slowspeed drill with a mixing paddle.

**ENSURE THOROUGH MIXING AS AN UNMIXED PRODUCT WILL RESULT IN A POOR OR NON-CURE SITUATION.**

Application

Apply immediately using a jug or suitable container to pour the mix directly into the joint.

For a professional finish and maximum joint protection, fill to slightly above the level of the surrounding area, but not to the point of overflow. Once cured, the top of the filler may be chiselled flush to the level of the floor.

**Application Temperature**

Normal application temperature is between 0°C and -30°C.

Pot Life & Curing Times

The pot life once mixed is approximately 10-15 minutes. Curing normally takes approx. 2 hours.

Cleaning

Tools and equipment should be cleaned whilst product is still wet with Solvent Cleaner. Hands and skin should be cleaned immediately with Organic Hand Cleaner.

Shelf Life & Storage

Shelf life in unopened containers is approximately 12 months subject to conditions of storage. Store in a cool, dry, frost-free environment away from sources of ignition, at not less than 15°C.

Health & Safety

Before using this product, please ensure you have received and read carefully both the Hazard Label applied to the container and the relevant Material Safety Data Sheets.

Any Questions

Please do not hesitate to contact us for advice regarding the use of this product or its suitability for your particular application.

Our aim is to provide all the technical help you need to make an informed choice and achieve total success.

Polycote Technical Helpline: **01234 846400**

All reasonable care has been taken in supplying the above information. However, any figures quoted do not constitute a specification but represent typical values obtained. It is the customer's responsibility to ensure the product is fit for the intended purpose and that conditions are suitable. Any technical advice is offered in good faith, but without warranty. This is also applicable when proprietary rights and third parties are involved. In the light of the Company's policy of continual research and development, it is the customer's responsibility to ensure that the information contained herein has not been superseded.