

Jointex™ SP

Product Description

Chemical resistant solvent-free joint sealant

Jointex™ SP is an environmentally friendly gun-applied moisture curing modified polymer floor joint compound with outstanding resistance to joint movement, coupled with excellent adhesive properties.

Typical Uses

Jointex™ SP is ideal for structural movement joints in floor areas of heavy pedestrian and medium truck traffic. It is not recommended for joints in lightweight cladding or swimming pools.

Suitable substrates: Concrete, brickwork, blockwork, stone, timber and other porous substrates should be primed with *Polycote SP Primer* prior to application of *Jointex™ SP*. No primer is required for application to non porous surfaces such as cast iron, galvanised steel and aluminium. Painted metal surfaces do not normally need priming, but apply to a test area first to ensure compatibility.

Colour: *Jointex™ SP* is mid grey in colour.

Packaging: *Jointex™ SP* is supplied in 380ml cartridges, 12 cartridges per pack, complete with polyethylene nozzles.

Coverage

| Nominal Joint Depth | Linear Metres per 380ml Unit |
|---------------------|------------------------------|
| 6mm x 6mm: | 10.55m |
| 9mm x 6mm: | 7m |
| 12mm x 9mm: | 3.5m |
| 18mm x 10mm: | 2.1m |
| 25mm x 10mm: | 1.5m |

Joint Size

Width - for optimum joint movement accommodation, the joint must be NO LESS THAN 6mm wide. Narrower joints and cracks subject to movement must therefore be recut using a 6mm diamond disc. A maximum width of 35mm may be achieved by multiple application.

Depth - the depth of the joint should be at least 12mm, and normally equal to or more than the width. The maximum recommended depth of *Jointex™ SP* is 20mm. Deep joints should be part-filled using *Polycote Foam Backing Rod* or sand prior to application of *Jointex™ SP*.

Direction For Use

Surface Preparation

Thorough joint preparation is essential.

Any previous joint filler should be removed and all loose debris raked out. The prepared surface should be dry, clean, sound and free of flaking or loose material. Porous surfaces should be primed with *Polycote SP Primer* - see 'Suitable Substrates'

Priming

A single coat of *Polycote SP Primer* should be applied if appropriate using a clean dry brush and allowed to dry for 60 minutes. *Jointex™ SP* should then be applied as soon as possible and in any case within 8 hours.

Application Instructions

1. Cut the cartridge tip carefully.
2. Attach the nozzle and cut to required bead size.
3. Apply using a standard sealant gun.
4. For bonding GRP products, apply 1-2 continuous beads to the back and press firmly into place immediately.

Application Temperature

Jointex™ SP should be applied at a temperature between +5°C and +35°C.

Curing Time

At 20°C/65% relative humidity, *Jointex™ SP* will form a tack-free skin after 20 minutes and cure at a rate of 2mm per 24 hours.

Overcoating

Whilst *Jointex™ SP* will accept most floor coatings once completely cured, this is not recommended as the flexibility of the compound is likely to cause cracking of the coating. Please contact *Polycote Technical Helpline* to ensure compatibility.

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Technical Specifications

| | |
|---------------------------------------|---|
| Material: | Polymer Rubber |
| Skin Time (20°C / 65% RH): | 20–30 minutes |
| Application Temperature: | +5°C to +35°C |
| Service Temperature: | -40°C to +120°C |
| Chemical Resistance: | Resistant to most dilute acids and alkalis. Organic solvents may cause swelling and loss of adhesion. Strong cleaning agents may deteriorate surface. |
| UV Resistance: | Very Good |
| Service Life: | 25+ years (reduced in high-traffic areas) |
| Movement Accommodation - Butt Joints: | ±35% |
| Movement Accommodation - Lap Joints: | ±70% |
| Modulus @ 100% Extension: | 1.0 – 1.12 N/mm ² |
| Ultimate Elongation: | 220% |
| Tensile Strength @ Break: | 1.3 – 1.6 N/mm ² |
| Typical Shore A Hardness: | Approx. 50 |

Cleaning

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

Shelf Life & Storage

Shelf life in unopened containers is 12 months, subject to conditions of storage. Store in a cool, dry frost-free environment away from direct sunlight.

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.

