

Jointex™ PU



Polyurethane pourable joint compound

“maintenance made easy”



PRODUCT DESCRIPTION

Jointex™ PU is a two part polyurethane modified epoxy jointing compound. Extremely tough yet flexible, Jointex PU has outstanding resistance to impact and abrasion and will withstand continuous forklift traffic. It is also highly resistant to a wide range of chemicals.

TYPICAL USES

Jointex™ PU has been designed primarily for filling expansion and construction joints in concrete floors. It is particularly suited to applications requiring high chemical resistance.

SUITABLE SUBSTRATES

Jointex™ PU may be applied to old and new concrete, granite, asphalt, epoxy, polyurethane and polymer modified floor finishes.

COLOUR

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

PACKAGING

Jointex™ PU is supplied in pre-measured quantities as a two part 5.0kg unit, comprising a resin Part 'A' and hardener Part 'B'.

PHYSICAL PROPERTIES

Tensile strength	23N/mm ²
Elongation at break to BS2782	70-90%
Bond strength	19N/mm ²
Tear strength to BS2782	840N/m ²
Shore 'D' Hardness	40-50
25% Modulus of compression	8N/mm ² typical
Compression at 25%	3% after 24 hrs
In service accommodation	15-20%

DIRECTIONS 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® EP*. 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.

The prepared joint should be part filled Polycote *Foam Backing Rod* 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.

PRIMING

Hard, sound concrete – no primer normally needed.

Soft, porous concrete – the walls of the joint should be primed with Polycote *EP Primer*. See relevant Data Sheet.

MIXING

Having fully prepared the substrate, stir the individual components before mixing together. Add Part 'B' to Part 'A' and thoroughly mix for at least 3 minutes. For best results use a heavy duty slow speed drill with a small 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.

POT LIFE & CURING TIMES

The pot life once mixed is between 50-70 minutes at +20°C. Initial curing and light traffic resistance takes place within 24 hours at 20°C and 48 hours at 10°C. Full strength and chemical resistance is achieved between 5-7 days.

Overcoating is not advised within 14 days of applying *Jointex™ PU*, particularly when using solvent-based products such as Polycote *PB Floor Paint*.

APPLICATION TEMPERATURE

Temperature of application should be between +5°C and +30°C. For colder applications, special formulations are available. Please contact Polycote Technical Helpline.

COVERAGE

Approximately 45 linear metres per 5kg unit at 10 x 10mm.

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.

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 for himself that 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.

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