Technical Data Sheet

Jointex PU

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Solvent free, polyurethane, pourable joint compound

Product Description

Jointex PU is a two part polyurethane modified epoxy jointing compound, extremely tough yet flexible, allowing movement in joints and has curing properties down to 5°C. *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. Ideal for use in production plants and food production areas. Uses also include warehouses, bottling plants & workshops.

Suitable substrates: *Jointex PU* may be applied to old and new concrete, grano, asphalt, epoxy, polyurethane and polymer modified floor finishes.

Colour

Jointex PU is in 5 standard stock colours. Other colours maybe available to order.

Packaging & Coverage

Jointex PU is supplied in pre-measured quantities as a two part 5kg unit, comprising a resin Part 'A' and hardener Part 'B'.

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

Linear metres per kg:

	5.0mm	10.0mm	15.0mm	20.0mm
W : 5mm	28.4	14.2	9.46	7.10
W : 10mm	14.2	7.10	4.73	3.55
W : 20mm	7.10	3.55	2.37	1.78
W : 25mm	5.68	2.84	1.89	1.42
W : 30mm	4.73	2.37	1.58	1.18
W : 40mm	3.55	1.78	1.18	0.89

Application Guidelines

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.

Pot Life

The pot life once mixed is 20 minutes at 20°C.

Curing Times

Accepts pedestrian traffic in 24 hours & light wheel traffic in 48 hours. Full strength and chemical resistance is achieved in 7 days. Please note: cure times will increase at lower temperatures.

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

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.

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® 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.

Direction For Use(cont)

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 drill on a slow speed setting 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.

Physical Properties

Shore D Hardness (ISO 868 : 2003):	30
Chemical Resistance:	Good
VOC Content:	< 10 g/l

Shelf Life & Storage

Store in a cool, dry frost-free environment away from sources of ignition, at temperatures between 15°C and 25°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**