



CX JOINT SEALANT PS

Polysulphide sealant pouring grade

Description :

- **CX JOINT SEALANT PS** is a two-component; polysulphide sealant which when cured forms a flexible rubber seal. It is a tough durable product, developed as an expansion joint sealant in floors. It has a high resistance to fuels, oils and hydrocarbons.
- The product is for sealing expansion joints in external and internal applications. Uses include, structural floor joints, construction floor joints, working areas of airports, hangars, road joints, and internal and external pedestrian and trafficked joints.

Specific Resistances:

- Good weatherability: Flame and fuel resistant
- Good resistance to flow: UV resistant
- Good mechanical and chemical resistance

Standard Compliances:

- Conforms to BS 5212 1990 Type FB

Surface preparation:

- Joint surfaces must be dry, clean and free of all contamination. Precast panels using form-release agents other than polyethylene film must be sandblasted or mechanically abraded and dust free.

Priming:

- **CX JOINT SEALANT PS**: requires **CX JOINT SEALANT PS** Porous Primer for substrates such as brick, concrete, natural stone, stained timber frames, unglazed tile edges. For non-porous surfaces **CX JOINT SEALANT PS** Non-Porous Primer is required for substrates such as stainless steel, glass, glazed tile.
- Due to the number of unpredictable natures of these substrates, a preliminary test is recommended. It is recommended to seek advice for primer requirements for specific applications.

Application:

- Recommended application temperatures: +5° - +40°C.
- Apply appropriate primer to joint sides and observe waiting time.
- In order to guarantee free movement of sealant in joints, it is imperative that the sealant does not adhere to the bottom of the joint, therefore joint backer rod or bond breaker tape should be used at the proper depth. Mix the base and the curing agent.

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- **CX JOINT SEALANT PS** can be poured directly from the can in to the joint or can be poured in to a barrel applicator and extruded into the joint from the applicator.
- Pour or firmly extrude sealant into the joint making sure that it is in full contact with the sides of the joint and with the backing rod at the bottom. Light tooling is recommended to ensure no air is trapped in the sealant. For trafficked joints a recessed joint is recommended.

Technical Data:

Chemical Basis	Polysulphide
Cure Mechanism	Chemical curing
Working Life	60 – 90 minutes @ 20°C
Cure Rate	7 days @ 20°C in a typical 10mm x 10mm joint
Hardness Shore A (DIN 53505)	approx 20
Movement Accommodation	Butt Joints 25% (movement in tension and compression)
UV Resistance	Good
Chemical resistance to spillage	Resistant to most alkalis and dilute acids, petrol, diesel or jet fuel and many solvents and vegetable oils
Application Temperature	+5°C - +40°C
Temperature Resistance	-40°C - +80°C
Service Life	20 years +

Joint Size Suitability:

- **Joint Width** : Minimum 6mm
Maximum 25mm (single application)
50mm (multiple applications)
- **Joint Depth** : Minimum 12mm in porous substrates
Minimum 12mm in non-porous substrates
- **Width : Depth Ratio** : 2:1 for butt joints
1:1 for lap/floor joints (Within the above min/max restrictions)



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Product:

COLOUR	GREY
Packaging	6kg & 4kg tins
Storage	Store in cool and well-ventilated areas
Shelf Life	12 Months stored correctly

Health and Safety:

- The curing agent of **CX JOINT SEALANT PS** contains manganese dioxide. Ensure that protective gloves, overalls and protective footwear are worn at all times when handling the material. Avoid skin contact. Should the material come in contact with the skin it may be removed with soap and warm water.
- If discomfort continues, seek medical advice. If product comes in to contact with eyes, rinse with plenty of fresh water and seek medical advice. For full updated information please see Material Safety Data Sheet.