

TECHNICAL DATA SHEET

POLYSULPHIDE SEALANT

Issue 5 – January 2012

Description:

Polysulphide sealant is designed to seal joint subject to movement, where a tough flexible watertight seal is required.

Uses:

Ideal for sealing external construction joints subject to movement, pointing the perimeter joints between metal and timber window frames and masonry. Is easy to apply, has good adhesion, excellent durability and is paintable with alkydresin paints.

Colours:

White, Grey, Black, Buff & Brown

Packaging:

400ml Cartridges packed 1 x 25.

Preparation:

Surfaces must be clean, dry and dust free. Primers may be required on some substrates.

Application:

Gun sealant firmly into joint to provide a solid fill.

Finishing:

Always tool down using a spatula or stick wetted with soapy water within 30 minutes. It is the user's responsibility to dispose of all packaging correctly.

Limitations:

Amongst others not recommended for locations subject to continuous water immersion and not for aquaria, PE, PP, Teflon, Neoprene and bituminous surfaces. It is not recommended for vertical joints wider than 25mm or horizontal joints wider than 20mm. Not suitable for use on natural stone. Not paintable with latex-based paints. Do not use on floor joints or internal situations. Adhesion tests prior to application are recommended. It is the users' responsibility to determine suitability.

Liability:

The information given is the result of our tests and experience and is believed to be accurate and reliable. However, as Cromar Building Products cannot know all the uses its products may be put to, and as application methods are out of control it is the users responsibility to determine suitability of use.

Technical Data:

Technical Data	Polysulphide Sealant
Typical Shore A Hardness	35
Application Temperature	+5°C to + 50°C
Service Temperature	-40°C to + 90°C
Skimming Time @ 20°C/65% RH	12 hours
Cure Time	14-28 days in an external situation depending on joint size and atmospheric conditions
Chemical Resistance	Resistant to most alkalis and dilute acids, petrol, diesel or jet fuel and many solvents and vegetable oils

Technical Data:

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UV Resistance	Very Good
Service Life	20 years +
Movement accommodation	Butt joints (movement in tension and compression):25%
Movement accommodation	Lap joints (movement in shear): 50%
Paintability	Yes
Shelf Life	9 months in original unopened package stored in a cool, dry place out of direct sunlight
Minimum Joint Width	6mm
Maximum Joint Width	25mm
Minimum Joint Depth (on porous substrates)	10mm
Minimum Joint Depth (on non-porous substrates)	6mm
Maximum Joint Depth	12.5mm

Quantity Estimator:

Width x depth of joint x length (in linear metres) of joint, divide this by volume of tube in ml = number of cartridges required.

Health & Safety:

Please refer to health & safety data sheet on Polysulphide Sealant.

Further Information:

In the event of further queries or problems concerning the use of this product, please contact the address below, e-mail info@cromar.uk.com or telephone our Technical Line on 0844 8588186:

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