

PRO 577



Technical Data Sheet
Pro 577
Revision Date:
Jan 2007



sanitary silicone sealant

acetoxy silicone

Product description

Pro 577 is a one component sanitary grade acetoxy silicone sealant which contains a fungicide to inhibit mould growth.

Main Uses

Pro 577 sanitary silicone sealant is ideal for use in bathrooms and washrooms.

Features

- Excellent adhesion to metals, glass, ceramics, wood, tiles and painted surfaces
- Excellent weather resistance
- Durable and watertight seal
- Permanently flexible

Product Characteristics

Colours White and Clear, other colours available upon request

Packaging 280ml cartridges packed in boxes of 12 and 600ml sausages packed in boxes of 10. Other sizes and packaging types available upon request

Storage When stored at or below +30°C in the original unopened packaging, this product has a useable life of 24 months from the date of manufacture

Technical Data

Chemical composition Acetoxy silicone sealant

Specific gravity 0.96-0.97 approx

Cure time Depth of 2 mm per day at +23°C and 50% RH for an exposed bead

Movement Accommodation factor 35%

Viscosity Paste

Service Temperature -40°C to +80°C

Adhesion: Excellent adhesion to metals, glass, ceramics, wood, tiles and painted surfaces. For other substrates, test adhesion prior to application or consult Geocel Technical Service

Elongation at break Approx 570%

Shore A hardness Approx 17

Skin over time 15 minutes at +23°C and 50% RH

Ageing Good Resistance

Instructions for Use

Usage Product usage for the following joint dimensions:

Joint section in mm	6x6	8x8	10x6
Width and depth			
600ml Sausage	16m	9m	10m

Application method Surface Preparation

Surfaces must be clean, dry and free from grease and dust. Non-porous surfaces such as aluminium, glass and metals should be cleaned using a suitable solvent for the substrate.

Priming

When used in conjunction with most common construction substrates, a primer is not required. For specific substrates priming may be needed to improve adhesion. Please contact Geocel Technical Service for advice.

How to apply

Pro 577 is ready to use. After suitable joint preparation and masking, the sealant is gunned into place and tooled within 5 minutes, using a spatula which has been dipped in soapy water. Masking tape is then removed immediately. Uncured material may be removed by abrasion or other mechanical means.

Limitations

Pro 577 is not recommended for use on porous substrates such as concrete, stone or marble.

Do not use **Pro 577** on bituminous substrates, substrates based on natural rubber, chloroprene or EPDM or on building materials which may bleed oils, plasticizers or solvents.

Pro 577 should not be used in situations where long term water immersion could be anticipated, and is unsuitable for the manufacture or repair of aquaria.

The acetic acid released during the cure of this product can affect sensitive metals such as copper, brass and lead, and it can corrode mirror silver.

Pro 577 is not suitable for food contact applications.

Health and Safety

Avoid skin and eye contact.
Keep away from children
Use only in well ventilated areas

Wear appropriate protective equipment including gloves and glasses.

Please consult the safe handling instructions available on the website: www.geocel.co.uk

Limited Warranty information please read carefully

The information contained herein is offered in good faith and is believed to be accurate. However, because conditions and methods of use of our products are beyond our control, this information should not be used in substitution for customer's tests to ensure that Geocel's products are safe, effective and fully satisfactory for the intended end use. Suggestions of use shall not be taken as inducements to infringe any patent.

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Geocel specifically disclaims any other express or implied warranty of fitness for a particular purpose or merchantability.

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Manufactured in the UK

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