



# DAVSIL



## DESCRIPTION

DAVSIL is an elastic one component acetoxy cured silicone sealant available in a variety of colours. It is suitable for sealing applications, and for expansion joints.

## USES

DAVSIL can be used for:

- Expansion joints
- Sealing junctions between tile and bath, cupboards, shower bases etc.
- Joints where tiled walls and floors meet
- Internal and external applications
- Joints up to 25mm wide and 12mm deep
- Sealing of pipes, air ducts, aluminium frames, windows etc.

## FEATURES AND BENEFITS

- DAVSIL is ready-to-use, is easy to apply, seals quickly and leaves a clean finish
- Being silicone-based, DAVSIL remains elastic, making it ideal for use in areas where continuous movement is expected
- DAVSIL provides good thermal stability, UV, and weathering resistance
- DAVSIL provides effective long term sealing, and is suitable for professional, industrial and DIY use.

## SURFACE PREPARATION

- Ensure all joints are clean and dry and free from dust, grease, oil, wax, old sealant and any other loose contaminating materials.
- Excess adhesive must be raked out of the tile joints prior to the application of DAVSIL.

## APPLICATION

- Cut the seal on the cartridge and then cut the nozzle at a 45o angle.

- Using a cartridge gun, push DAVSIL into the joint ensuring the entire depth and width of the joint is filled. For optimal joint movement, use a backing rod (Abelrod), to ensure that DAVSIL adheres only to the two working surfaces.
- Apply only as much DAVSIL as can be worked before a skin forms -- up to 10 minutes depending upon the temperature.
- Use a spatula or paddle pop stick frequently dipped in detergent solution, to remove excess DAVSIL and form a smooth, neat joint. Taping of joints may be necessary depending on the type of tile and clean up method.

## COVERAGE

As a general guide, a 300ml cartridge will cover approximately 8 lineal metres when used in a 6mm x 6mm joint.

## CLEAN UP

Excess DAVSIL can be cleaned up using mineral turps while it is still wet.

## PRECAUTIONS

- Do not use in immersed situations such as inside swimming pools.
- Tape edges on porous substrates.
- When using DAVSIL, ensure area is well ventilated, as vapours may irritate respiratory system.
- Avoid contact with eyes as irritation may occur. May cause allergic skin sensation.
- Refer to Davco Construction Materials Material Safety Data Sheet for further health details. This can be obtained from your Davco Construction Materials State Office.

## PACKAGING

All colours are available in 300ml cartridges.



# DAVSIL

---

## TECHNICAL DATA

---

System:	Acetoxo
Fungicide additive:	Yes
Colours:	Various
Density g/cm-3:	1.03
Shore A-hardness (DIN 53505):	24
E-Modulus 100% in N/mm-2 (DIN 52455):	0.4
Tensile strength at break in % (DIN 52455):	0.6
Elongation at break in % (DIN 52455):	260
Joint movement capability in %:	25
Elastic recovery in % (DIN EN 27389):	>98
Thermal stability in °C:	-40-180
Skin formation in minutes:	6-12
Curing time in mm/24h:	2
Storage stability in month (from prod. date):	12

## SHELF LIFE

---

Up to 12 months in unopened containers stored in a cool dry place.

## DISCLAIMER

---

*The use of this product is beyond the manufacturer's control, and liability is restricted to the replacement of material proven faulty. The manufacturer is not responsible for any loss or damage arising from incorrect usage. All workmanship must be carried out in accordance with AS 3958.1 - 1991.*

*The information contained herein is to the best of our knowledge true and accurate. No warranty is implied or given as to its completeness or accuracy in describing the performance or suitability of the product for a particular application. Users are asked to check that the literature in their possession is the latest issue.*

# **Davco**

---

## **Davco Construction Materials Pty Limited**

ABN 28 093 876 558

67 Elizabeth Street Wetherill Park NSW Australia 2164

Telephone: 61 2 9616 3000 Facsimile: 61 2 9725 5551

Toll Free Technical Advisory Line: 1800 653 347

Offices: Sydney, Melbourne, Brisbane & Singapore

Email: [marketing@davco.com.au](mailto:marketing@davco.com.au) Website: [www.davco.com.au](http://www.davco.com.au)