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# ARDEX SE

## Silicone for Sanitary Installations

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Flexible sealant for use in tile movement and connecting joints

Colour matched to popular grout and sanitary ware

Elastic – withstands 25% total movement of original joint width

Easy to apply and smooth off

UV resistant – use indoors or outdoors

Waterproof – suitable for wet areas such as showers

Contains fungicides

Low VOC content – meets Green Building Council of Australia  
Green Star IEQ-13 requirements

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# ARDEX SE

## Silicone for Sanitary Installations

### DESCRIPTION

ARDEX SE is an acetic cure silicone sealant for use in tiling applications. Due to its high elasticity ARDEX SE is able to accommodate movements up to 25% of the original joint width. It can be easily applied and smoothed and cures to form a permanently elastic, waterproof and dustproof joint seal.

ARDEX SE meets the Green Building Council of Australia Green Star IEQ-13 requirements for Architectural Sealant when tested in accordance with SCAQMD Method 304-91 Determination of Volatile Organic Compounds (VOC) in Various Materials as referenced by South Coast Air Quality Management Division (SCAQMD) Rule 1168.

### USE

ARDEX SE is ideal for applications such as:

- movement joints (between tiles).
- corners (tiled wall and floor).
- connecting joints between tiled surface and benchtops, bath edges, cupboards, splashbacks.
- indoors and outdoors.

Do not use in continuous immersion application eg swimming pools.

### SUBSTRATES

ARDEX SE silicone bonds well to ceramic tiles, glass, enamel, laminated kitchen benches, aluminium, granite, porcelain and sanitary acrylics.

ARDEX SE should not be used on the following substrates:

- Does not adhere to polyethylene, Teflon.
- Bitumen, butyl, EPDM, rubber, marble, natural stone, neoprene, tar and certain metals (brass, copper) may cause discoloration.

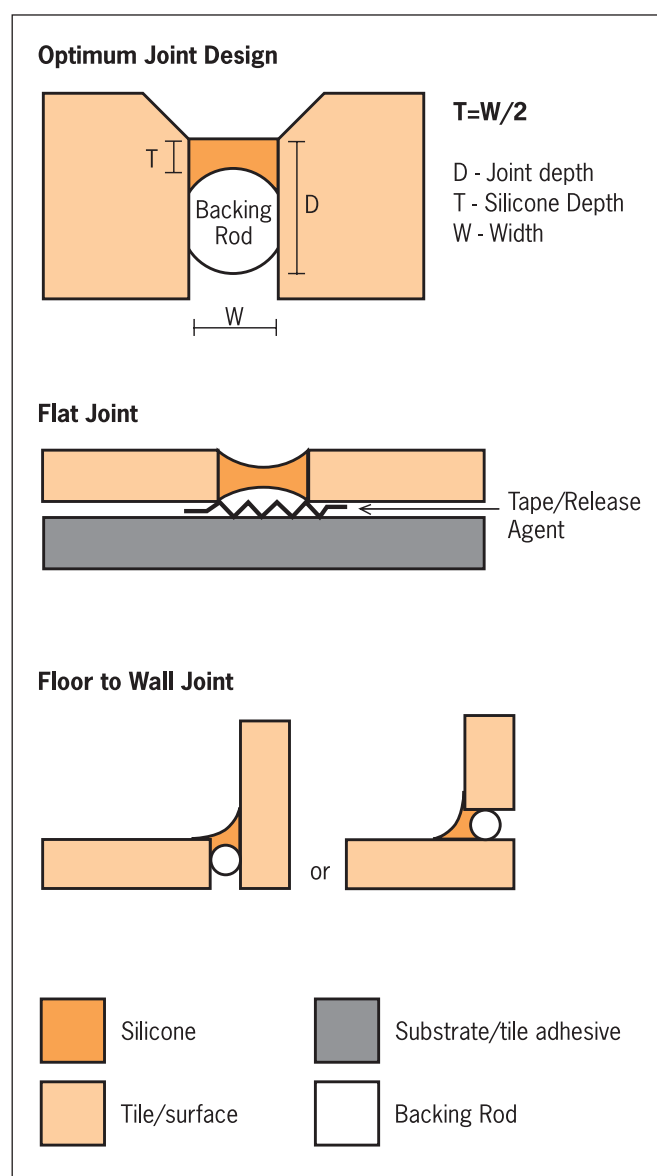
A neutral silicone should be used under waterproofing membranes.

### JOINT DESIGN

- Where possible, the silicone should be at a 2:1 ratio (width:depth).
- For internal joints the width and the depth of the joint should be minimum 6mm, and for external joints 10mm.
- Maximum joint width is 30mm and depth 15mm. For joints greater than 10mm deep a backing rod should be used.
- The silicone should only be fixed to two surfaces to allow movement. Hence on flat joints use a polyethylene tape or release agent to prevent a 3 side adhesion of the silicone.

Please observe the following depth of silicone in regard to the width of the joint:

Width	Depth
6 – 10mm	as width minimum 6mm
10mm	8 – 10mm
15mm	8 – 12mm
20mm	10 – 14mm
25mm	12 – 18mm



## PREPARATION

- Joints and surfaces must be dry, clean and free from grease, soap or water.
- To achieve a neater finish, or when using unglazed porous tiles, mask joint edges with tape.

## FIXING TECHNIQUE

Apply at temperatures between 5°C to 40°C.

- Trim end of nozzle to obtain the correct bead width and place cartridge in applicator gun.
- Apply sealant in a steady continuous bead ensuring good contact with both sides of the joint. Tool off with a moistened spatula to finish the joint smoothly before a skin forms (10 mins).
- While the silicone is still wet, clean off any excess. (If joint edges have been masked, remove tape whilst the sealant is still wet). If the silicone has dried on the surface, clean with white spirit solvent to soften the silicone then scrape off with a blade.

Do not paint over the silicone.

## PRECAUTIONS

Use in well-ventilated areas. Avoid skin and eye contact. If uncured material makes contact with the eye, flush with clean water for 15 minutes and seek medical advice.

In case of skin contact, first wipe skin with a dry cloth then wash with soap and water. If respiratory discomfort is experienced, move to an area for fresh air. If swallowed, drink plenty of water in small portions, do not induce vomiting and seek medical advice.

Keep the product out of the reach of children.

## NOTE:

ARDEX SE is waterproof, however its use does not make waterproofing under the tiles redundant.

Although ARDEX SE contains fungicides, general rules of cleaning should be observed.

## TECHNICAL DATA

<b>Raw material:</b>	Acetic acid curing silicone
<b>Form:</b>	Coloured paste
<b>Colours:</b>	Various
<b>Joint width</b>	Up to 30mm
<b>Colours:</b>	Various
<b>Application temperature:</b>	5°C to 40°C
<b>Skin forming time (+23°C, 50% RH)</b>	Approx 10 – 12 minutes
<b>Curing time (+23°C, 50% RH)</b>	Approx 2mm/day, 7mm/week
<b>Temperature Resistance:</b>	-40°C to +180°C
<b>Practical expansion:</b>	25% of the joint width
<b>E-Modulus 100%:</b>	Approx 0.40 N/mm <sup>2</sup>
<b>Hardness, Shore A:</b>	Approx 25
<b>Packaging:</b>	310ml cartridge
<b>Storage:</b>	Dry and cool
<b>Shelf Life:</b>	24 months

## DISCLAIMER

The technical details, recommendations and other information contained in this data sheet are given in good faith and represent the best of our knowledge and experience at the time of printing. It is your responsibility to ensure that our products are used and handled correctly and in accordance with any applicable Australian Standard, our instructions and recommendations and only for the uses they are intended. We also reserve the right to update information without prior notice to you to reflect our ongoing research and development program.

Country specific recommendations, depending on local standards, codes of practice, building regulations or industry guidelines, may effect specific installation recommendations.

The supply of our products and services is also subject to certain terms, warranties and exclusions, which may have already been disclosed to you in prior dealings or are otherwise available to you on request. You should make yourself familiar with them.

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