

**DESCRIPTION**

ATOMIK K&B AC Silicone Sealant is a high performance anti-fungal, UV resistant, acetic-cure, silicone sealant. It is specially formulated to seal joints or seams in kitchen and bathrooms where mildew resistance is required.

**FEATURES & BENEFITS:**

- Will not support the growth of mould, mildew or fungus
- 100% Silicone, does not shrink and crack.
- Excellent adhesion properties will adhere to most surfaces, including most painted or unpainted, and the job only needs to be done once.
- Permanently flexible so it resists cracking, shrinking and vibration.
- Suitable for interior and exterior applications so the product is very versatile.
- Unaffected by extreme temperature (hot or cold) so suited to any environment.
- Waterproof so it provides a flexible watertight seal.
- Low VOC which means low vapour, low odour and a safer work environment for the plumber or trades person.
- UV resistant so it is not affected significantly by sunlight, making it more durable.

**AREAS OF APPLICATION**

- Sealing in wet areas
- Bathtubs & showers
- Ceramic tiles
- Most laminated surfaces
- Rimless sinks
- Bathroom and kitchen fixtures
- Vitreous toilet pans

**APPLICATION**

**Surface preparation**

Surfaces to be sealed must be clean and dry. Ensure there is no foreign matter including grease, wax, flaking paint etc. Complete all painting before applying Silicone. If required use a recommended solvent like methylated spirits to clean the exposed surface clean with a dry clean rag.

**MAKING THE JOINT**

- Use masking tape on each side of the joint to protect surfaces and to ensure a neat job.
- Insert a backing rod if depth of the joint is excessive.
- Cut nozzle at 45° angle to desired thickness.
- Cut nub on cartridge. Insert cartridge into a caulking gun.
- Hold gun at 45° angle with nozzle in contact with both sides of joint.
- Apply by pushing ATOMIK K&B AC Silicone Sealant ahead of nozzle, thus ensuring it is pushed firmly into place.
- Smooth off before skin forms
- Remove excess ATOMIK K&B AC Silicone Sealant immediately with a cloth dampened with mineral turpentine.
- Remove any masking tape immediately sealant tooling is complete.
- ATOMIK K&B AC Silicone Sealant skins in 5 minutes and is touch dry in around 30 minutes.

# KITCHEN + BATH AC SILICONE SEALANT

## TECHNICAL DATA SHEET

### CLEAN UP

Cured ATOMIK K&B AC Silicone Sealant can be removed by trimming with a sharp blade

### PACKAGING & SHELF LIFE

Shelf Life is 12 months if stored in a cool (below 25°C), dry, well ventilated place and out of direct sunlight.

### LIMITATIONS:

- All applications should be pre-tested to ensure the finished results with ATOMIK K&B AC Silicone Sealant meet the expectations of the user.
- Adhesion of ATOMIK K&B AC Silicone Sealant to substrates should be pre-tested to ensure there is adequate adhesion.
- Not recommended on submerged joints where porous substrates permit water to the bond interface.
- Not recommended for below water line applications.
- Not recommended for applications in which it will be in constant contact with chlorinated water.
- Not to be used on extruded type polycarbonates or polyacrylates as cracking may occur
- For use on galvanised steel, concrete, marble, granite, stone or where acetic acid will attack the substrate in these applications
- Do not apply to wet surfaces. Ensure surfaces are clean and dry.
- Not to be used for structural glazing.
- Not paintable.
- Also refer to SAFETY DIRECTIONS below.

### AREAS OF APPLICATION

- Emits Acetic Acid whilst curing.
- Do not breathe in vapours whilst curing.
- Wear suitable respiratory protection.
- Use in well-ventilated areas.
- Avoid contact with skin and eyes.
- Wear eye protection and suitable gloves and clothing.
- Do not eat, drink, or smoke while using this product.
- Take off contaminated clothing and wash it before reuse.
- If on the skin, wash with plenty of soap and water.
- If in the eyes: rinse immediately and cautiously with water for 15 minutes.
- Remove contact lenses; if present, continue rinsing.
- If inhaled, remove to fresh air and keep them at rest in a position comfortable for breathing.
- If any skin or eye irritation persists or you feel unwell, seek medical attention.
- Safety Data Sheet is available upon request.

### PRODUCT DATA

Appearance	<b>Translucent or White Paste</b>
Tooling/Skin Time	<b>3-5 minutes @ 20°C</b>
Tack Free Time	<b>~30 minutes @ 20°C</b>
Cure Time	<b>24 hours for 2mm depth – 5 days for full cure 5mm depth</b>
Application Range	<b>10 °C to 50 °C</b>
Performance Range	<b>-60 °C to 175 °C</b>
Hardness Shore A	<b>25</b>
Tensile Strength	<b>200 psi (15 Kg/cm²)</b>
Sag, Slump	<b>Nil</b>
Specific Gravity	<b>1.0</b>
UV and Ozone Resistance	<b>Excellent</b>
Joint Movement	<b>± 25 % min</b>

### DISCLAIMER

The information and any recommendations relating to the application and end-use of all ATOMIK products are provided in good faith based on ATOMIK's knowledge and experience of the products. In applications, the differences in materials, and variances of substrates and actual site conditions can vary such that no warranty in respect of fitness for a particular purpose, nor any liability arising out of any legal relationship whatsoever, can be taken as inferred either from this information, or from any written recommendations, or from any other advice offered by ATOMIK. The proprietary rights of third parties must be observed. All orders are accepted subject to our sale terms and conditions. All users should always refer to the most recent and up to date issue of the Technical Data Sheet for the product concerned, which is available on request. It is recommended that products should always be properly stored, handled and applied under tested and recommended conditions.

PLEASE CONSULT OUR TECHNICAL DEPARTMENT FOR FURTHER INFORMATION