

# Alspect 100% Matte

## 100% Neutral Cure Silicone Sealant

### **DESCRIPTION:**

ALSPEC 100% MATTE is a premium, high-strength medium-modulus calcium carbonate-filled, high-performance neutral cure silicone sealant designed to give superior durability and adhesion in a wide range of glazing applications, formulated for professional weather sealing and many more trade applications.

Glazing will bond to form a strong weatherproof seal on most common building materials such as glass, ceramic, steel, aluminium, brick, concrete, and most plastics.

### **FEATURES & BENEFITS:**

ALSPEC 100% MATTE has excellent adhesion properties superior to most other silicones and will adhere to most common building materials, including glass, aluminium, concrete, masonry, wood, plastics, and most powder-coated surfaces.

- Superior Adhesion.
- Low gloss.
- Movement capability +/-25%
- 10-minute skin time.
- Medium Modulus for Higher strength with good movement and outstanding elongation.

### **RECOMMENDED USE:**

ALSPEC 100% MATTE is ideal in glazing, where a matt finish is required

- Glazing
- Cladding applications
- weather-sealing of High-rise buildings
- Solar Panel installation
- Truck & Caravan assembly
- Structural Butt Joints
- Colonial Bars

### **SUBSTRATES:**

It is always suggested to conduct "Pre-Adhesion" Tests on substrates to ensure an adequate bond is achieved. Don't hesitate to get in touch with your local ALSPEC distributor.

### **SURFACE PREPARATION:**

All surfaces must be clean, dry, sound, and free from dust, oil, rust, or other contamination.

Metals should be cleaned with a non-oily solvent-soaked clean cloth.

The solvent should be wiped from the surface with a clean, dry cloth. Use alcohol such as methylated spirits IPA.

When used on remedial work, all existing sealants must be removed.

Please check with your local ALSPEC representative if you are unsure.

### **APPLICATION:**

Cut nozzle at 45°C angles to desired thickness.

Insert the cartridge into a caulking gun sealant at a 45° angle with the nozzle in contact with both sides of the joint.

Apply by pushing the Silicone ahead of the nozzle, thus pushing it firmly into place and spreading the sealant against joint surfaces to ensure positive surface-face adhesion.

It must be tooled into the joint to wet out the joint; It must be done within 10 minutes to spread the sealant against the joint surfaces.

### **COLOURS:**

- Matte Black
- Matte Grey
- Matte White
- For Translucent application, please request ALSPEC 100% Gloss

## TECHNICAL DATA:

PRODUCT INFORMATION:	
<b>Curing Method</b>	<b>Neutral (Oxime) 100%</b>
<b>Sag / Slump @23°C</b>	<b>No Slump</b>
<b>Dynamic Joint Movement</b>	<b>+/- 25%</b>
<b>Shelf life</b>	<b>12 months below 28°C</b>
<b>COLOURED silicone Packaging</b>	<b>420gram Cartridge &amp; 600ml Sausages</b>
<b>TRANSLUCENT silicone Packaging</b>	<b>310gram Cartridge &amp; 600ml Sausages</b>
<b>Hardness (ASTM D2240)</b>	<b>30 Shore A</b>
APPLICATION DATA:	
<b>Skin time @ 20°C @50% RH</b>	<b>5-10 Minutes</b>
<b>Cure Time (10mm) @ 25°C &amp; 50% RH</b>	<b>5-7 Days</b>
<b>Application Temperature Range</b>	<b>-40°C to +140°C</b>
PERFORMANCE DATA:	
<b>Elongation</b>	<b>680% (Matte Colours)</b>
<b>Tensile Strength Mpa</b>	<b>&gt;13</b>
<b>Coloured silicone Specific Gravity</b>	<b>1.4</b>
<b>Translucent silicone Specific Gravity</b>	<b>1.03</b>

## LIMITATIONS:

ALSPEC 100% MATTE is not recommended for use:  
 On submerged joints where porous substrates permit water to the bond interface.  
 For aquarium applications, we recommend ALSPEC 20  
 For certain rubber products where bleeding of plasticiser may occur, please get in touch with your local ALSPEC Distributor if unsure.

## SAFETY & HANDLING:

- Emits Methyl Ethyl Ketoxime. Which is hazardous.
- 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 them 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.

**The Safety Data Sheet is available upon request.**

**KEEP OUT OF REACH OF CHILDREN**

## STORAGE:

12 months from the date of manufacture if stored below 28°C

### **WARRANTY STATEMENT:**

ALSPEC guarantees this product against manufacturing defects and guarantees it to be manufactured to our published specifications.

We certify that this product is suitable for use when fully cured and will perform as described in our technical data sheet or other published materials.

ALSPEC will replace the product free of charge when purchased from any legally verifiable source and where a product is proven to have been stored, handled, and install according to instructions published on our packaging and within the stated shelf life. The Installation of all materials must be carried out per the relevant Australian Standards.

Warranty doesn't apply if damage, loss, failure to follow instructions, or other circumstances are out of our control.

Sufficient time and access to investigate any complaint must be accorded to ALSPEC.

The consumer is responsible for any expenses incurred in making a claim.

A claim form can be requested by:

**PHONE:** 1300 257 732

**WEBSITE:** [www.alspec.com.au](http://www.alspec.com.au)

### **AUSTRALIAN CONSUMER LAW:**

Our goods come with guarantees that cannot be excluded under the Australian Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. The benefits under our warranty are in addition to other rights and remedies available to the consumer under the law in relation to the goods and services to which the warranty relates.

### **DISCLAIMER:**

All statements and technical information contained herein are based on tests we believe to be reliable, but the accuracy thereof is not guaranteed.

Users assume all risk and liability resulting from the use of the product and must confirm the suitability thereof by their own tests. Conditions of Sale contain a limited warranty against manufacturing defects.