

Alspeg 41

100% Neutral Cure Matte Cladding Silicone Sealant

DESCRIPTION:

ALSPEC 41 is a high-performance neutral cure silicone sealant (oxime).

It is a premium, low, modulus, one-part moisture curing, 100% calcium carbonate filled, designed to give superior adhesion and durability in a wide range of glazing, weather sealing, cladding, and trade applications.

It will bond to form a strong weatherproof seal on most common building materials.

FEATURES & BENEFITS:

Excellent adhesion properties, so ALSPEC 41 adheres to most surfaces, including common building materials.

Will bond to aluminium, concrete, glass, ceramic, steel, brick, and most plastics surfaces. Weathering and UV resistance is excellent, and their superior physical properties are retained over many years of exposure.

- Superior Adhesion
- Low modulus for high movement
- 10-minute skin time
- Matte colours
- Movement capability > +/-50%

RECOMMENDED USE:

- Glazing
- Cladding applications
- Weather-sealing
- Solar Panel installation
- Truck & Caravan assembly
- Structural Butt Joints
- Colonial Bars

LIMITATIONS:

Not to be used on structural glazing or Aquarium construction.

On submerged Joints where porous substrates permit water bond interface.

Certain rubbers where bleeding of plasticiser may occur.

SURFACE PREPARATION:

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

All existing sealants/silicones must be removed on remedial works and the surface cleaned.

Metals need to be cleaned with a non-oily solvent dry clean cloth.

When cleaning glass surfaces, use Alcohol-based cleaners such as Methylated spirits.

APPLICATION:

Cut nozzle at 45°C angles to desired thickness.

Cut nub on the cartridge. Insert the cartridge into a caulking gun.

Hold the caulking gun 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.

Tool smooth with a round spatula within 10 minutes before a skin forms.

TECHNICAL DATA:

PRODUCT INFORMATION:	
Method	Neutral (oxime) 100%
Colour	Grey, White & Black
Sag / Slump	No Slump
Shelf life	12 months below 28°C
Packaging	410gram Cartridge & 600ml Sausage
Hardness (ASTM D2240)	24 Shore A
APPLICATION DATA:	
Skin time @ 20°C @50% RH	5-10 minutes
Cure Time	5-7 Days
Temperature Range	From -40°C to +140°C
PERFORMANCE DATA:	
Elongation	> 300%
Tensile Strength Mpa	> 5 (.05)
Dynamic Joint Movement	+/-50%
Specific Gravity	1.36

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

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](tel:1300257732)

WEBSITE: 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.