ACETOXY-CURING SILICONE

J-2550

Acetic Silicone Sealant

One-component, moisture-curing silicone sealant



DESCRIPTION

J-2550 is a one-component, acetoxy-curing (acid-cure) sanitary silicone sealant of high quality, engineered for general-purpose sealing in and around the home. It delivers a permanent, flexible, durable, watertight seal with excellent adhesion to a wide range of substrates. Featuring non-sag (thixotropic) rheology, it allows clean application to vertical surfaces without slump, ensuring reliable gap-filling and long-term weather resistance. Suitable for professional and DIY use in sanitary and general sealing applications.

CHARACTERISTICS

- Non-sag formulation — easy application on vertical and overhead surfaces without slumping or dripping.
- Wide temperature performance — heat resistant up to +120°C and remains flexible down to –40°C, retaining elasticity through seasonal extremes.
- Mould & damp-area resistant — ideal for showers, bathrooms, kitchens and other humid environments.
- Excellent adhesion — bonds reliably to a wide range of substrates, particularly glass, ceramics, aluminium and glazed surfaces.
- Fully waterproof — suitable for exterior and weather-exposed joints.
- Superior UV & abrasion resistance — ensures a long-lasting, durable bond in outdoor exposure.
- Good chemical resistance — unaffected by alcohols, dilute acids and alkalis, soap and common household detergents.
- Colour stable — excellent colour fastness; clear grades remain non-yellowing.
- Moisture-curing system — reliable cure even at low ambient temperatures, making it suitable for year-round use.

TYPICAL PROPERTIES

These values are not intended for use in preparing specifications.

Property	Result
Chemical base	Acetoxy-cure silicone
Color	Black, white, clear and other colours
Cure mechanism	Moisture-curing; releases acetic acid during cure
Density (g/cm³)	0.96
Application temperature (°C)	4°C to 40°C
Skin time	≤7 min
Full hardening rate (mm/day)	4–6 mm/day
Temperature resistance (°C)	−40°C to 120°C
Shore A hardness	≥24
Tensile strength (MPa)	≥1.25 MPa
Elongation at break (%)	≥400%

SCOPE OF USE

- J-2550 is a versatile, primeless sealant-adhesive engineered for reliable sealing, bonding, and repair around the home. It delivers excellent adhesion and gap-filling for waterproof, moisture-resistant seals at bathroom and kitchen fittings, ensures durable bonding of signage and mounting applications, and provides effective sealing and insulation of appliances. Its high elasticity and UV/weather resistance guarantee long-term durability, making it ideal for fixing leaking plumbing and routine maintenance tasks in and around the house.

PACKAGING INFORMATION

Cartridge	300 ml; 12/20/24 pcs per carton
Sausage	400 ml/600 ml; 20 pcs per carton
Barrel	200 L/250 kg

STORAGE & SHELF LIFE

This product should be stored in its original packaging in a cool, dry place, protected from frost, sparks, flames and direct sunlight. Keep away from children.

Shelf life: 12 months from manufacturing date.