

TECHNICAL DATA SHEET FOR LOCKFAST SILICONE

PRODUCT DESCRIPTION

Acetoxy-cure, one-component, RTV (Room Temperature Vulcanising) silicone sealants. One-component adhesive/sealant for ease of use. Good adhesion to glass, cures to a tough, flexible silicone elastomer. Resistant to ozone, ultraviolet (UV) radiation and temperatures ranging between (-40 to 150°C)

PRODUCT APPLICATIONS

General construction sealant, may be used for Industrial sealing and rimless sinks, sealing around shower-tub enclosures, sinks, urinals and whirlpools, general sealing and caulking applications. Provides a waterproof and flexible seal.

PRODUCT FEATURES

- Provides good resistance to mildew.
- Silicone sealants have greater UV stability and temperature and weather resistance than organic sealants.
- Silicone sealants are inherently waterproof.
- Silicone sealants remain flexible over a wide temperature range (-40 to 150°C) and are easy to apply in cold weather.
- Silicone sealants last longer and need to be replaced less often than many organic sealants, which reduces lifetime costs and contributes to sustainability.
- Available in 310ml cartridges, application guns available upon request.

Typical Properties	Tack-free time, min	Extrusion, g/min	Depth cure, mm/day	Durometer, Shore A, points	Density, g/cm ³	Elongation, %	Tensile, MPa
Clear, White and Black	30	350	2.2	22	0.99	>300	0.5

Limitations

Do not use for structural glazing.

- Not recommended for continuous water immersion applications.
- Not recommended for use with marble and similar highly porous stone finishes whose appearance may be affected by sealant.
- Acetoxy sealant is not recommended for use on materials where the cure by-product (acetic acid vapour) may cause corrosion or discoloration or where the sealant may affect their appearance (e.g., galvanized iron, copper, brass, zinc-coated steel and other metals; or concrete, cement, brick, limestone, marble and similar highly porous stone finishes).
- Not recommended for joints where movement exceeds $\pm 15\%$.
- Not recommended for use in below-ground joints or trafficable joints where abrasion and physical abuse are encountered.
- Not recommended for use in the construction or sealing of aquariums.
- Cannot be painted, as paint will not adhere to sealant.
- Acetoxy sealant is not recommended for use on plastic sheeting.
- Not for use on freshly painted surfaces (enamel or solvent-containing types).
- Should not be applied to materials that bleed plasticizers or solvents or release by-products that may inhibit cure, affect adhesion or discolour the sealant (e.g. bituminous-based adhesives and coatings).
- Do not clean or treat the sealant with materials, solvents or cleaning agents that may affect or discolour the sealant, particularly during sealant cure.
- Do not apply at temperatures below -10°C or when substrate surface temperatures exceed +50°C.
- Should not be used as an interior penetration firestop sealing system.
- Should not be applied to surfaces in direct contact with food or drinking water. This sealant has not been tested to determine status under U.S. Food and Drug Administration regulations.
- Not recommended for direct contact on the reflective coatings of mirrors.
- Polyester powder coat paint exhibits a highly variable wax content on the surface. Ensure thorough solvent cleaning.
- Sealant cures by contact with moisture vapour in the air. Not recommended for use in closed or confined areas where sealant cure may be inhibited by lack of air.
- Do not use in the manufacture of insulated glass (IG) units.
- All organically extended silicone sealants exhibit higher shrinkage than 100% silicone sealants.
- These products are neither tested nor represented as suitable for medical or pharmaceutical uses.

Handling precautions

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets and container labels for safe use, physical, environmental, and health hazard information. The material safety data sheet is available on request – please

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