



Zialoc 2200 - Silicone Sealant

Zialoc 2200 Silicone Sealant is an acetoxo based **NSF certified** professional quality sealant specifically formulated for a wide variety of use. Its unique adhesion-promoted formulation ensures adhesion to many building substrates, and longer working time means a professional appearance for the finished job.

Features

- Cures to 100% silicone rubber
- High strength, excellent adhesion
- Resistant to sunlight, rain, sleet, snow, ultraviolet radiation, ozone, and temperature extremes
- Retains design properties even after years of exposure—seals remain watertight and weatherproof
- Wide temperature range from -60°C to 177°C (-76°F to 350°F) with intermittent temperatures up to 200°C (392°F)

Applications

- General glazing applications
- Metal Building
- Bathroom Applications
- Repairing weather stripping and gaskets
- Sealing most glass, plastics, metals, painted surfaces, fiberglass, ceramics, and aluminum substrates

Benefits

- Non-Corrosive on many substrates
- Bonds to many common substrates
- Mildew Resistant

Composition

One-part, Acetoxo-cure, RTV silicone

These values are not intended for use in preparing specifications.

| METHOD | TEST | UNIT | RESULT |
|--|---------------------------------------|---------|---------|
| As Supplied | | | |
| ASTM C 679 | Tack-Free Time at 25°C (77°F), 50% RH | Minutes | <=25 |
| | Tooling Time | Minutes | 5-10 |
| ASTM C 639 | Flow, Sag or Slump | | Nil |
| As Cured - 7 Days at 24oC (77oF) and 50% RH | | | |
| ASTM D 2240 | Durometer Hardness Shore A, | Points | 18 |
| ASTM D 412 | Ultimate Tensile Strength | psi | 170 |
| ASTM C 794 | Peel Strength | Pli | 14 |
| ASTM C 603 | Extrusion Rate | g/min | 250-500 |
| Shelf Life | | Months | 24 |

Colors: Clear, White, Almond, Aluminium, Bronze, Black

Usuable Life & Storage

Store below 90°F (32°C) in a dry place. Zialoc 2200 Sealant has a usable life of 12 months from date of manufacturer. Refer to product packaging for use-by date.

Packaging

Zialoc 2200 Sealant is supplied in 10.1-fl oz (300-mL) cartridge, 20-fl oz (500-ml) sausage



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How to Use

1. Refer to product packaging for use-by date.
2. Temperature. Apply sealant at temperatures between -20°F and 122°F (-29°C and 50°C) for best results.
3. Prepare surface.
4. Cut out and remove all old caulk for repair applications.
5. Clean, Two-Step. First, apply solvent to a lint-free cloth and vigorously wipe bonding surfaces to remove dirt and residues. Next, use a dry wipe to remove remaining solvent and residue for optimum cleaning. Repeat if necessary. Surfaces must be clean, dry, oil- and frost-free for best results. (Recommended solvents include isopropyl alcohol, toluene, xylene, naphtha or similar solvent.) Always wear gloves and follow safety precautions and directions on solvent container. DO NOT USE gasoline or kerosene.
6. Install back-up spacing material for better filling, especially if width exceeds 1/2" to maximize bonding results. Opencell polyethylene foam backer rod can be used.
7. Mask with masking tape to areas adjacent to the joint to ensure straight bead lines and easy cleanup. Remove masking tape immediately after the bead is completed and before a skin forms.
8. Open cartridge, cut snub nose above threads, reattach and cut nozzle to desired size. Insert into a caulking gun.
9. Apply sealant with a smooth, steady motion, and ensure complete fill of joint cavity before proceeding.
10. Tool the sealant immediately after application and before a skin forms. Remove masking immediately after tooling.

Cleanup Instructions

1. Cleanup should start immediately after sealant has been applied/tooled and masking tape removed.
2. While wearing solvent-resistant gloves, wipe off excess sealant from surfaces and tools with a solvent moistened cloth within 10 minutes of application.
3. If excess sealant is completely cured, carefully cut or scrape away.
4. Avoid contact of uncured sealant with skin and clothing. If contact does occur, wipe with clean rags and wash with water 50% relative humidity.

Handling Precautions

Product safety information required for safe use is not included in this document. Before handling, read product and material safety data sheets (MSDS) and container labels for safe use, physical and health hazard information. The material safety data sheet is available from your TBP representative, or distributor, or by writing to TBP Customer Service.

Limitations

- Not for structural glazing
- Not paintable
- Not suited for prolonged submersion in water or below-grade applications
- May not adhere to oily woods or be compatible with substrates made of methylmethacrylate, polycarbonate, polypropylene, polyethylene, and polytetrafluoro-ethylene
- Not suitable for surfaces that might bleed oils, plasticizers or solvents, or porous surfaces such as cement like materials, stone or surfaces prone to attack by weak acids
- May not cure properly if used in spaces confined from atmospheric moisture
- May cause corrosion on some brass, copper, zinc or zinc alloy containing fixtures
- Not for use where abrasion and physical abuse are encountered
- This product is neither tested nor represented as suitable for medical or pharmaceutical uses

CAUTION

MAY CAUSE ALLERGIC SKIN REACTION. MAY BE HARMFUL IF ABSORBED THROUGH THE SKIN. MAY CAUSE DROWSINESS. OVER EXPOSURE CAN CAUSE BLOOD, LUNG, AND LIVER DAMAGE. Avoid prolonged or repeated contact with skin. Wash thoroughly after handling. Avoid breathing vapor. Keep container closed. Use with adequate ventilation. FIRST AID: In case of EYE CONTACT, immediately flush eyes with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if symptoms occur. IN CASE OF SKIN CONTACT, immediately flush/wash skin with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. Get medical attention if irritation develops and persists. IF INHALED, move to fresh air. If effects persists, get medical attention. Physical and health hazard information is readily available from Zialoc and the Material Safety Data Sheet. For additional information see the Material Safety Data Sheet (MSDS)

THE PRODUCT SHOULD BE KEPT OUT OF REACH FROM CHILDREN.