

Crocodile Silicone Seal

Sealant



Silicone sealant for glass and windows.

Crocodile Silicone Seal is a high-quality, fast-curing, single-component silicone sealant that cures using moisture in the air. Designed for long-lasting durability, it effectively seals against water, moisture, and air leakage. This versatile sealant is ideal for use on a wide range of materials, including glass, aluminum, concrete, zinc, ceramic, stainless steel, fiberglass, granite, coated surfaces, fully dried wood, acrylic, and certain plastics such as epoxy, polyester, and polycarbonate. It adheres strongly without the need for a primer, making it a reliable solution for construction and sealing applications.

Product Features

- High strength and flexibility after curing
- Fast curing through the evaporation of acetic acid (similar to vinegar)
- Excellent resistance to environmental factors such as UV radiation, vibrations, moisture, temperature changes, air pollution, cleaning agents, and various solvents
- Non-sagging formula allows for vertical and overhead joint sealing applications

Application

Used as a general edge sealant or gap filler that accommodates movement, such as window frames, door frames, aquariums, roofing, awnings, drainage channels, vehicle bodies, containers, signboards, gasket sealing, tile joints, air ducts, display cabinets, and furniture.

Color : White, Clear, Black



Application Instruction

Substrate Preparation

- The surface must be dry, clean, and free from dust, paint, oil stains, or any contaminants.
- The ideal joint size should be approximately 3-12 mm wide and 5-10 mm deep, with the width equal to or greater than the depth. A backing rod may be used to adjust the depth as needed.
- Apply masking tape along the joint edges to prevent excess sealant from overflowing during application.

Application

- Cut the nozzle and tip at a 45-degree angle, then attach the nozzle to the cartridge.
- Use a caulking gun to apply the sealant, ensuring the joint is completely filled.
- Smooth the sealant within 5 minutes.
- Wipe off any excess with a damp cloth or sponge.
- Remove the masking tape within 10-15 minutes before the sealant dries.
- Allow 24-48 hours for full curing before use.

Estimated Coverage

A 1x1 cm joint can be sealed up to approximately 2.8 meters per cartridge.

Cleaning

Clean all tools and equipment with clean water before the sealant dries. For hardened residue, remove it by scrubbing or scraping with a knife.

Technical Data

| Test Method | Standard | Evaluation |
|---------------------------------|-----------|------------|
| Joint Movement | - | 25% |
| Hardness Shore A | ASTM C661 | 15 |
| Tensile Strength | ASTM D412 | 0.8 MPa |
| Elongation at brake | ASTM D412 | >350% |
| Adhesion in peel, N/25 mm width | ASTM C794 | |
| Mortar | | >8 |
| Aluminum | | >10 |
| Tack free time | ASTM C679 | 10-15 min |



Limitations

Can not be painted over.

Caution

- May be harmful to the skin. Wear suitable protective clothing, gloves, eye/face protection, and other needed equipment.
- In case of contact with eyes, rinse immediately with water several times and seek medical advice.
- Keep out of reach of children

Storage

- Use within 18 months from the date of manufacturing
- It should be kept in a dry place and the temperature is not too high.

Packing

Net volume: 280 ml./cartridge

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