



TECHNICAL DATA SHEET

2 in 1 Seal & Bond Kitchen & Bath Express Silicone

Description: LePage 2 in 1 Seal & Bond Kitchen and Bath Express Silicone has the strength of an adhesive PLUS the premium flexibility of a sealant. Fast drying formula allows sealant to withstand water contact 2 hours after application. The mold and mildew resistant sealant is durable and watertight.

Available As:

Item #	Size	Package	Color
1380424	295 ml	Plastic Cartridge	White
1380425	295 ml	Plastic Cartridge	Clear

Features & Benefits:

- Possesses Both Bonding and Sealing Capabilities
- 2 Hour Fast-Dry Silicone System
- Mold and Mildew Resistant Seal
- Water Resistant and Permanently Flexible
- Withstands Temperature Extremes

Recommended For:

LePage 2 in 1 Seal & Bond Kitchen & Bath Express Silicone is used for sealing around bathtubs, sinks, shower stalls, tiles and plumbing fixtures. It has excellent adhesion to ceramic, porcelain, glass, fiberglass composites, enamel, aluminum, stainless steel, wood, many plastics and wallboard.

For Best Results:

- Apply and store at temperatures between 5°C (40°F) and above 49°C (120°F)
- Architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- Do not use below the water line, for setting mirror tiles, in aquariums, on stove pipes, furnaces, brick, masonry, copper, brass, galvanized metals or zinc
- Maximum joint depth without backing material is 9.5 mm (3/8")
- Joint width should not exceed 12 mm (1/2")

Coverage:

For a 295 ml cartridge:

- A 1/4" (6 mm) bead extrudes approximately 9.3 m (31 ft)
- A 3/8" (9.5 mm) bead extrudes approximately 4.2 m (14 ft)



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Typical Uncured Physical Properties:

Color:	White or Clear
Appearance:	Lump-free paste
Base:	Acetoxy Silicone
Odor:	Acetic Acid
Specific Gravity:	1.03
Flash Point:	>93°C (>200°F)
VOC Content:	< 4% by weight CARB < 40 g/l SCAQMD rule 1168
Shelf Life:	24 months from date of manufacture (unopened)
Lot Code Explanation:	YY/DDD
Printed on cartridge body	YY = Last two digits of year of manufacture DDD = Day of manufacture based on 365 days in a year Example: 14/061 = 61 st day of 2014 = March 2, 2014

Typical Application Properties:

Application Temperature:	Apply between 5°C (41°F) and 49°C (120°F)
Tack-Free Time:	8 to 10 minutes*
Cure Time:	2 hours* (for a 2.5 mm depth of sealant) *Times are dependent on temperature, humidity, porosity of surface bonded and thickness of sealant applied
Extrusion Rate:	130 g/min At 90 psi
Boeing Sag:	≤ 12.7 mm (0.50 inches) After 2 minutes

Typical Cured Performance Properties:

Color:	White or Clear
Cured Form:	Non-flammable, flexible solid
Service Temperature:	-34°C (-30°F) to 121°C (250°F)
Water Resistant:	Yes
Paintable:	No
Hardness:	≥ 11 Shore A
Elongation:	≥ 400% ASTM D 412
Tensile Strength:	≥ 0.8 N/mm ² (116 psi) ASTM D 412

Directions:

Tools Typically Required

Utility knife, caulking gun, masking tape and tooling device.

Safety Precautions:

Apply and cure in a well-ventilated area. Wear gloves.

Preparation:

Apply sealant between 5°C (40°F) and above 49°C (120°F). Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. Paint area before applying sealant, as silicone is not paintable. Mask both sides of the joint. Cut the tip off the cartridge at a 45° angle to desired bead size (minimum of 1/8").

Application:

Using a caulking gun, apply sealant with steady pressure forcing the sealant into the joint. Tool bead immediately. Do not use in joints deeper than 12 mm (1/2") without the use of a backer rod. Remove masking tape immediately after tooling and wipe excess off of hands and tools before washing. Avoid contaminating any surfaces that will be painted with silicone.

Clean-up

Clean tools and sealant residue immediately with mineral spirits. Cured sealant may be carefully cut away using a sharp-edged tool.



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Storage & Disposal: Not damaged by freezing. Store in temperatures above 5°C (40°F) and below 49°C (120°F). Allow any unwanted product to harden and dispose with trash or use an approved household hazardous waste facility.

Label Precautions: **CAUTION:** Use under well ventilated conditions. Acetic acid which irritates eyes and respiratory tract is released during curing. Avoid contact with eyes and prolonged skin contact. Remove contact lenses before using sealant. **FIRST AID TREATMENT:** In case of skin contact, wipe off and wash with soap and water. In case of eye contact, flush with water for 15 minute. In case of respiratory difficulty, remove to fresh air. If swallowed, do not induce vomiting. Call physician if symptoms develop or persist. Clean hands well after use and before handling contact lenses. **KEEP OUT OF REACH OF CHILDREN.**

Refer to Material Safety Data Sheet (MSDS) for further information.

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