



TECHNICAL DATA SHEET



2 in 1 Seal & Bond Kitchen & Bath

Description: LePage 2 in 1 Seal & Bond Kitchen and Bath has the strength of an adhesive PLUS the premium flexibility of a sealant. It has low odour and easy water clean-up. LePage 2 in 1 Kitchen Seal & Bond Kitchen & Bath is a mold and mildew resistant sealant that is paintable in 40 minutes and water-resistant.

Available As:

Item #	Size	Package	Color
1910257	295 ml	Plastic Cartridge	White
1380423	295 ml	Plastic Cartridge	Clear

Features & Benefits:

- Possesses Both Bonding and Sealing Capabilities
- Mold and Mildew Resistant Seal
- Water Resistant
- Permanently Flexible and Durable
- Ultra Low VOC Content
- Low Odor, Non-Flammable and Environmentally Friendly

Recommended For:

LePage 2 in 1 Seal & Bond Kitchen & Bath 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 between 5°C (40°F) and 38°C (100°F)
- Not suitable for continuous water immersion
- Not for use under shower door tracks, below water line, on mirrors, in aquariums,
- Not for use in butt joints, architectural joints, joints subject to heavy abrasion or wear or tuck pointing
- Joints deeper than 1/2" without use of a backer rod
- Wait 24 to 48 hours before water exposure after sealant application

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	Note: Clear product dispenses white, dries clear
Appearance:	Lump-free paste	
Base:	White: Polyvinyl Acetate (PVA) Clear: Acrylic Latex	
Odor:	Mild acrylic odor	
Specific Gravity:	White: 1.26 Clear: 1.06	
Flash Point:	White: 68.3°C (155°F) Clear: >93°C (>200°F)	
Viscosity:	White: 360,000 to 520,000 cps Clear: 250,000 to 350,000 cps	
VOC Content:	< 1.5% by weight	CARB
	White: < 143 g/l Clear: <15 g/l	SCAQMD rule 1168
Shelf Life:	White: 18 months from date of manufacture (unopened) Clear: 24 months from date of manufacture (unopened)	
Lot Code Explanation:	YYDDD	
Printed on cartridge body	YY= Last two digits of year of manufacture DDD= Day of manufacture based on 365 days in a year Example: 14061 = 61 st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Apply between 5°C (40°F) and 38°C (100°F)	
Skin/Tooling Time:	5 minutes*	
Tack-Free Time:	10 to 20 minutes*	
Cure Time:	1 to 14 days*	
	*Times are dependent on temperature, humidity, porosity of surface bonded and amount of sealant applied	
Extrusion:	12.7 kg (28 lbs)	
Channel Slump:	0 to 8 mm (0 to 0.32 inches)	ASTM C 639

Typical Cured Performance Properties:

Color:	White or Clear	
Cured Form:	Non-flammable solid	
Service Temperature:	-7°C (20°F) to 77°C (170°F)	
Water Resistant:	Yes. Wait until sealant is fully cured before exposing to water (24 to 48 hours)	
Paintable:	Yes, after 2 hours with latex or oil-based paint	
Hardness:	64	Shore A
Elongation:	580%	ASTM D 412
Tensile Strength:	2.11 N/mm ² (306 psi)	ASTM D 412
Extension Recovery:	100%	ASTM C 736
Peel Adhesion:		ASTM C 794
Aluminum Dry:	2.1 N/mm (12 pli)	
Glass Dry:	1.8 N/mm (10 pli)	
Wood Dry:	7.9 N/mm (45 pli)	
Vinyl Dry:	2.3 N/mm (13 pli)	
Aluminum Wet:	1.8 N/mm (10 pli)	
Vinyl Wet:	3.3 N/mm (19 pli)	



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Directions:**Tools Typically Required:**

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

Safety Precautions:

Well-ventilated area. Wear gloves.

Preparation:

Apply sealant between 5°C (40°F) and 38°C (100°F). Surfaces must be clean, dry and free of old caulk, grease, dust and other contaminants. 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. Smooth bead immediately with a wet finger or a tool. Remove masking tape immediately after tooling and wipe excess off of hands and tools. Sealant is paintable with a latex or oil-based paint after 2 hours. Wait 24 to 48 hours before exposing to water. Note: Clear sealant will extrude white and then turn to clear as it cures.

Clean-up

Clean tools and sealant residue immediately with warm water and soap. Cured sealant may be carefully cut away with a sharp-edged tool.

Storage & Disposal:

PROTECT FROM FREEZING. Store in a cool, dry location at room temperature. For maximum shelf life store at 24°C (75°F). To dispose of any unwanted product, use an approved hazardous waste facility for disposal. Hardened material may be disposed of with trash.

Label Precautions:

Do not swallow. Do not get in eyes or on skin. **KEEP OUT OF REACH OF CHILDREN.**

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

Disclaimer:

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