



TECHNICAL DATA SHEET



No More Nails® Heavy Duty Construction Adhesive

Description: LePage No More Nails Heavy Duty Construction Adhesive is a premium quality, heavy duty, gap-filling adhesive for both indoor and outdoor projects. It has an extremely high tack, which eliminates the need for nails and screws in many DIY and repair jobs. No More Nails Heavy Duty is weather resistant and paintable. The adhesive has a very low odour, and requires only soap and water to clean up. This makes it safe, easy to use and environmentally friendly.

Available As:

Item #	Size	Package
1654398	266 ml	Plastic Cartridge

Features & Benefits:

- High Instant Grab – No Clamping Required
- Water & Weather Resistant
- Water-Based Adhesive - Low Odor and Easy Clean-Up
- Paintable & Sandable

Recommended For:

LePage No More Nails Heavy Duty bonds wood, plywood, pressure-treated lumber, aluminum, cork, foam board, ceramics, plaster, brick, concrete, chip board, PVC (rigid plastic), polystyrene and polyurethane foam coverings. Ideal for medium to heavy DIY projects, such as: installing decorative mouldings, chair rails, crown moulding, baseboards, ceramic tiles, wood decking, fencing, siding, sub-floors and much more.

For Best Results:

Not suitable for the following applications:

- Garden walls, retaining walls or landscaping projects
- Mirrors and metals that will corrode
- Natural marble (causes staining)
- Continuously wet areas or water immersion and applications exposed to hydrostatic pressure
- Polyethylene, polypropylene, nylon or polytetrafluoroethylene (PTFE) / Teflon®
- Cement board (Durock®)

Coverage:

For a 266 ml cartridge:

- A 6 mm (1/4") bead extrudes approximately 8.4 m (27.6 ft)
- A 9.5 mm (3/8") bead extrudes approximately 3.7 m (12.2 ft)



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Typical Uncured Physical Properties:

Color:	White (Dries clear)	
Appearance:	Thick paste	
Base:	Synthetic latex	
Odor:	Minimal	
% Solids:	50%	
Specific Gravity:	1.03 to 1.07	
Flash Point:	>93°C (200°F)	
VOC Content:	<0.5% by weight	CARB
	22 g/l	SCAQMD rule 1168
Shelf Life:	24 months from date of manufacture (unopened)	
Lot Code Explanation:	YYDDD	
Stamped on bottom plunger of cartridge	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 and cure above 10°C (50°F)	
Open Time:	20 minutes*	@25°C (77°F) and 50% R.H
Repositioning Time:	15 minutes*	@25°C (77°F) and 50% R.H
Initial Cure Time:	24 hours*	@25°C (77°F) and 50% R.H
Full Cure:	7 to 14 days*	
	*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used	
Initial Tack:	24 - 30 g/cm ²	

Typical Cured Performance Properties:

Color:	Clear	
Cured Form:	Non-flammable solid	
Service Temperature:	-18°C (0°F) to 50°C (122°F)	
Water Resistant:	Yes when fully cured	
Paintable:	Yes	
Sandable:	No	
Shear Strength:		ASTM D3498
Wet Lumber:	1.41 N/mm ² (204 psi)	
Frozen Lumber:	1.03 N/mm ² (150 psi)	
Dry Lumber:	1.85 N/mm ² (269 psi)	
Gap Filling:	1.64 N/mm ² (238 psi)	
Moisture Resistance:	1.54 N/mm ² (223 psi) No delamination	
Durability:	100% Pass	
Shear Strength:		ASTM C557
24 hours @ 23°C:	0.24 N/mm ² (35.6 psi)	
14 days @ 23°C:	0.30 N/mm ² (43.5 psi)	
Tensile Strength:		ASTM C557
24 hour @ 23°C:	0.17 N/mm ² (24.1 psi)	
14 days @ 23°C:	0.20 N/mm ² (29.7 psi)	
Specifications:	<ul style="list-style-type: none"> • ASTM D3498 • AFG-01 • ASTM C557 	



TECHNICAL DATA SHEET

Directions:**Tools Typically Required:**

Utility knife, caulking gun.

Safety Precautions:

Wash hands after use.

Preparation:

For best results, the temperature of the adhesive, the surfaces and the working area must be above 10°C (50°F). One surface must be porous. Surfaces must be clean, free from standing water and free of paint, grease, dust and other contaminants. To obtain maximum adhesion, surfaces should be flat to provide adequate contact. Sand glossy surfaces to a dull finish. Pre-fit all materials prior to applying adhesive. Remove cap and cut the tip off the cartridge nozzle just above the threads to desired bead size.

Application:

Apply a continuous bead to one of the surfaces then press material firmly into place within 20 minutes. Repositioning time is approximately 15 minutes, depending on bead size. For decks, apply a continuous bead on every joist to increase strength and prevent squeaking. Nail or screw planks at every joist. Pre-drill nail holes to prevent wood splits. For larger areas such as panels, apply adhesive around the perimeter 5 cm (2") in from the edge and vertically every 30 cm (12"). Alternatively, apply a continuous bead to all furring strips, studs and top and bottom plates. When applying materials to a vertical surface, the maximum vertical load the adhesive is safely rated for on a porous substrate is 10 grams / cm² (20 lbs / ft²) of bond area. If applied in temperatures below 10°C (50°F), nails or screws must be used. Do not use in outdoor applications if rain is forecasted within 24 hours of application or protect work area from rain. Full strength and water resistance develops after 7 days.

Clean-up

Clean tools and adhesive residue immediately with soapy water. Cured adhesive may be carefully cut away with a sharp-edged tool.

Storage & Disposal:

For best results, store above freezing. Take unwanted product to an approved household hazardous waste transfer facility, or allow product to harden by spreading on discardable surface. Hardened material may be disposed of with trash.

Label Precautions:

CAUTION. IRRITANT. MAY IRRITATE EYES AND SKIN. Do not get in eyes or on skin or clothing. **KEEP OUT OF REACH OF CHILDREN. FIRST AID TREATMENT:** Contains isoparaffinic solvent. If swallowed, call a Poison Control Center or doctor immediately. Do not induce vomiting. If in eyes, rinse well with water for at least 15 minutes. If on skin, rinse well with water.

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

Disclaimer:

The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.



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