No More Nails®
Tub Surround Adhesive

Description: LePage No More Nails Tub Surround Adhesive has been formulated to bond most bathroom and shower enclosures. It is unaffected by moisture, steam, water, heat or cold when fully cured. No More Nails Tub Surround Adhesive has minimal odour and requires only soap and water to clean up. It does not require venting like most solvent-based tub surround adhesives. This makes it less messy, safe, easy to use, and environmentally friendly.

Available As:

Item #	Size	Package
1366350	295 ml	Plastic Cartridge

Features & Benefits:

- High Instant Grab Minimizes Slippage of Panels
- No Venting Required
- No Etching
- 10 Minute Repositioning Time Allows for Correction
- Water-Based Adhesive
- Low Odor and Easy Clean-Up

Recommended For: LePage No More Nails Tub Surround Adhesive bonds most plastic (polystyrene, acrylic, ABS, PVC) bathroom and shower enclosures to a waterproof tile backer board (not cement board) that is approved for tub and shower areas such as DensShield® Tile Backer, sanded Barker Tile™ and sanded ceramic tile.

For Best Results:

- Not recommended for use on unsanded ceramic tile or Barker Tile™, on vinyl covered gypsum board or cement board
- Not to be used for gluing plastic bathroom accessories, such as shelves and soap dishes, to tub surrounds or tile
- Do not use adhesive to bond overlapped sections of tub / shower surround. Connect seams of panels according to tub surround manufacturer's instructions
- Tub surrounds less than 50 mil thickness must be trowelled. See Directions for more information.

Coverage:

For a 295 ml cartridge:

- A 6 mm (1/4") bead extrudes approximately 9.3 m (31 ft)
- A 9.5 mm (3/8") bead extrudes approximately 4.1 m (13.6 ft)

Typical Uncured Physical Properties:

Color:	Light Grey	
Appearance:	Thick paste	
Base:	Acrylic Co-polymer	
Odor:	Minimal	
% Solids:	67%	
Specific Gravity:	1.25 to 1.35	
VOC Content:	0.9% by weight	CARB
	24 g/l	SCAQMD rule 1168
Shelf Life:	24 months from date of manufacture (unopened)	
Lot Code Explanation:	**YYDDD**	
Stamped on bottom edge of cartridge	**YY=** Last two digits of year of manufacture **DDD=** Day of manufacture based on 365 days in a year	
	Example: 14061 = 61st day of 2014 = March 2, 2014	

Typical Application Properties:

Application Temperature:	Apply and cure above 10°C (50°F) and 38°C (100°F)	
Open Time:	10 minutes*	@25°C (77°F) and 50% R.H
Repositioning Time:	10 minutes*	@25°C (77°F) and 50% R.H
Full Cure:	1 to 7 days*	@25°C (77°F) and 50% R.H
	*Times are dependent on temperature, humidity, porosity of surface bonded and amount of adhesive used	
Initial Tack:	25 g/cm²	

Typical Cured Performance Properties:

Color:	Light grey
Cured Form:	Rubbery solid
Water Resistant:	Yes
Paintable:	Yes
Shear Strength:	
Plywood to polystyrene:	0.90 N/mm² (130 psi) (substrate failure)
Barker Board to polystyrene:	0.90 N/mm² (130 psi) (substrate failure)
Peel Strength:	
(on High Impact Polystyrene)	3.3 N/mm (19 lb-f/in)

Directions:

Tools Typically Required:
Utility knife, caulking gun, painter's tape, tape measure, level, square, pencil, drill, hole saw bit and coarse sandpaper.

Safety Precautions:
Avoid skin contact. Wear gloves and wash hands after use.

Preparation:

1) Use above 10°C (50°F). Walls must be dry and free of dirt, grit, waxes and soap or other residues. Do not apply over paint, wallpaper, vinyl or loose materials. Critical for a smooth flat finish is the choice and preparation of the substrate.

2) Existing ceramic tile or Barker Tile™ must be sanded. Unpainted waterproof tile backer board that is approved for tub and shower areas is the best backing for tub and shower units. Make sure that corners are 90° from top to bottom.

3) Pre-fit all materials. Use the cardboard box that the tub kit came in for your template. Measure the spout and faucet placement onto the cardboard template and make the cut-outs. Position the cardboard in place on the wall and check for the correct cut-out placement.

4) Transfer the markings onto the tub panel.

5) Make all the cuts in the tub panel using a hole saw bit in an electric drill. Drill a small starter hole. Make all the cuts from the face or front panel surface to the rear or backing surface. This will prevent chipping.

6) Set each tub panel in place in the order suggested by the manufacturer. Limit stressing the tub unit into place as this will weaken the material.

7) Use painter's tape to temporarily support the tub panels in place. Make sure the tops of all panels are levelled and all the pieces are aligned.

8) Take a pencil to outline the tub panels in their position for gluing.

9) For best results, wipe off back of the tub surround with rubbing alcohol. Do not use paint thinner or other solvents. Allow the panels to dry before bonding. Danger: IPA is flammable. Refer to the manufacturer's label and MSDS for health and safety instructions. Use in a well-ventilated area away from ignition sources.

10) Remove cap from cartridge and cut nozzle at a 45° angle to desired bead size.

Note: Do not remove any protective film on the outside surface of the surround panels until after the installation is complete. This will help protect the finish from scratching etc.

Application:
1) For best results, wipe off back of the tub surround with rubbing alcohol (Isopropyl Alcohol or IPA). When using IPA refer to the manufacturer's label and MSDS. Use in a well ventilated area away from ignition sources. Do not use paint thinner.

2) One-piece units must be glued to the wall in one continuous installation. Apply the adhesive in a continuous square "S" pattern, 8" (20 cm) apart only on the flat sections of the tub panels that will closely mate with the existing wall. Place a bead of adhesive 2" (5 cm) from the edge of the panel. When installing on Barker Tile™ or ceramic tile, interrupt adhesive bead around the edge frequently to create breathing channels for the inner S-pattern.

3) Press the tub panel firmly to the wall within 10 minutes of applying the adhesive. Press over all the adhesive areas. Support the edges with painter's tape and after 20 minutes hand press over all the areas of adhesive again.

4) Remove painter's tape after 24 hours. Connect seams of panels according to tub surround manufacturer's instructions.

5) Seal the edges with caulking 24 hours after installation or 4 to 7 days for installation over Barker Tile™ or ceramic tiles.

6) When installing plumbing fixtures, do not allow plumber's putty to be used where it may touch the polystyrene tub surround material as it may cause damage.

Installing surround to:	Surface preparation	Product application	Painter's tape support	Drying time before sealing
DensShield® Tile Backer, Exterior grade plywood	Unpainted wall surface is the best backing. Must be dry, dust and dirt-free.	Using a caulking gun, apply product in a continuous "S" pattern 8" apart and 2" from the edge.	24 hours	24 hours
Barker Tile™	Completely remove glossy surface by sanding with 100 grit sandpaper using a palm sander. Wash off dust with a wet cloth and let dry before installation.	Using a caulking gun, apply product in a continuous "S" pattern 8" apart and 2" from the edge. Frequently interrupt the bead to allow breathing of the inner S-pattern.	24 hours	4 days
Ceramic Tile	Sand entire area with 40 grit sandpaper by using a sanding disc. Tiles need to be sanded until gloss is removed and surface is scratched. Wash off dust with a wet cloth and let dry before installation	Using a caulking gun, apply product in a continuous "S" pattern 8" apart and 2" from the edge. Frequently interrupt the bead to allow breathing of the inner S-pattern.	24 hours	7 days

For tub surround panels of <u>less than 50 mil thickness</u>, follow the directions below:

<u>Preparation:</u>
Same as directions above.

For tub surrounds less than 50 mil thickness, Henkel has identified the following as materials as suitable substrates: CGC Sheetrock® Panels Ultra Light (Greenboard), Georgia-Pacific DensShield® Tile Backer and James Hardie HardieBacker® 500 cement board. For information about suitability of other products, contact the Henkel Customer Service Line at 1-800-624-7767.

Note: The backer wall panels must be securely mounted to the wall studs using appropriate fasteners and any joints taped and filled with a smooth unsanded water resistant joint filler and sanded smooth and level to the surface. Any surface protrusions must be completely removed. Any imperfections will telegraph through the tub surround panels.

<u>Application:</u>

1) Apply the adhesive from the cartridge in beads approximately 8 inches apart onto the area of the wall that has been clearly marked to show where the panels will be bonded (i.e. mark off with painter's tape).

2) Immediately trowel the adhesive out evenly over the entire bonding surface and remove any excess. Use a V-notch or saw tooth trowel designed to apply between 400 – 600 mL per square meter. Suitable trowels are as follows:

    a. V-notch ¼" x 5/32" x 5/16"
    b. V-notch 3/16" x ¼" x ½"
    c. Saw tooth 1/8"

    Note: A ¼" saw tooth trowel is not acceptable since too much adhesive is applied which will result in waviness of the finished surface

3) Join the pre-cut tub surround panels to the wall and press in place. Using the laminate roller roll out the adhesive working from the center of the panels to the edges to ensure uniform contact with the backer wall surface. Only one panel should be done at a time.

    Note: "Venting" is not required or recommended

4) Allow the adhesive to dry for a minimum of 24 hours after installation before apply a high quality tub and tile sealant recommended for application on high impact polystyrene. Sealant must be maintained throughout the life of the product to prevent any water infiltration behind the panels.

<u>Clean-up:</u>
Clean tools immediately with soapy water. Clean the surface of the tub enclosure immediately with soapy water. Cured adhesive may be carefully cut away with a sharp-edged tool.

Storage & Disposal:	DAMAGED BY FREEZING. Take unwanted product to an approved household hazardous waste transfer facility. 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.**
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