TECHNICAL DATA SHEET

POWERHOLD *PLUS*™ POWERTITE™ GLUE STICKS

POWERHOLD PLUS™ POWERTITE™ and POWERTITE™ *PLUS* 'EOT' GLUE STICKS are a durable and effective method of applying hot-melt glue in tack strip to concrete installations, attaching and repairing hardwood flooring applications, flooring ramps, mouldings, etc.

SPECIFICATIONS:

- Standard sized glue sticks:
    - » POWERTITE™ is <u>designed for tack strip adhering</u>.
    - » POWERTITE™ *PLUS* 'EOT' (Extended Open Time) is <u>designed for hardwood flooring applications</u> and repairs, flooring ramps and all other multipurpose jobs.
- Does not meet any military specifications

FLOORS and SURFACES APPROVED:

Virtually all hard surfaces: concrete, stone, marble, terrazzo, wood, linoleum, ceramic tile, VCT, LVT, vinyl, laminates and many more.

AVAILABLE SIZES — Part Number, Size:

- POWERTITE™ · **PHX-6560** – bag of 8 sticks, 10" x 7/16" diameter each (25.4cm x 11.11mm)
- POWERTITE™ *PLUS* 'EOT · **PHX-6561** – bag of 8 sticks, 10" x 7/16" diameter each (25.4cm x 11.11mm)

OTHER RELEVANT SPECS:

- POWERTITE™ Weight: 1 lb per bag / 24 bag per box = 25 lbs total
- POWERTITE™ *PLUS* 'EOT' Weight: 1 lb per bag / 24 bags per box = 25 lbs total
- Made in the USA

POWERTite™
TACK STRIP ADHESIVE

POWERTite™ *PLUS* "EOT"
HOT MELT ADHESIVE

INSTRUCTIONS:
Please see the next pages for specialized instructions on tack strip installation and hardwood flooring applications and hollow fills.

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INSTRUCTIONS FOR TACK STRIP INSTALLATION

Tools Needed:

- PH-300 GLUE GUN (PHX-6300)
- POWERTITE™ Tack Strip Adhesive (PHX-6560)

To install tack strip with a hot glue gun, clean the floor, heat a high-temp gun with POWERTITE™ glue sticks, and apply a 1/8-inch bead to the strip. Place the strip 1/4 to 3/8 inch from the baseboard with pins facing the wall, pressing down firmly within 15–30 seconds, and allow to harden for 5–30 minutes.

Instructions for glue gun and tack strip installation:

- **Prepare the Subfloor:** Ensure the concrete or wood floor is clean, dry, and free from dust, grease, or debris.

- **Prepare the Glue Gun:** Insert a high-temperature, strong-bond glue stick (designed for carpet tack strip) into the gun and allow it to heat up for several minutes.

- **Apply the Glue:** Squeeze a continuous, thin line of hot glue directly onto the underside of the tack strip (approximately 1/8 inch for a 48-inch strip).

- **Position the Strip:** Place the tack strip onto the floor, ensuring the pins (sharp points) are angled toward the wall.

- **Set the Strip:** Press the strip firmly into the floor immediately (within 15 seconds) after applying the glue.

- **Fix Position:** Maintain pressure on the strip for a few seconds to ensure it adheres properly. For the best bond, let it harden for about 5 to 30 minutes before installing the carpet.

- **Safety & Tips:** Always use a stand for the hot glue gun and avoid touching the hot nozzle or glue to prevent burns. If the floor is very smooth, it may require a stronger, more specialized adhesive.

Hardwood Flooring Installation and Hole Fills on Next Pages

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POWERTITE™
PLUS "EOT"

Installation Instructions

POWERTITE™ *PLUS* 'EOT' Adhesive for Hardwood Flooring Applications

PH-300 GLUE GUN
PHX-6300

Before starting your project…

- Always plug the PH-300 (PHX-6300) glue gun in and have it ready for use throughout the day.

- Have plenty of POWERTITE™ PLUS (PHX-6561) adhesive ready for the multiple uses it is designed for.

- Remember: POWERTITE™ PLUS can be used to bond corners that get chipped off during installation. It can also be used for many other applications where a fast and strong bond is needed.

PH-300 System can be used with these nozzles:

Orange Nozzle
PHX-6581

Double Barrel Nozzle
PHX-6582

Steel Piercing Nozzle
PHX-6584

1. STARTING AND FINISHING ROWS

To obtain a strong bond we recommend:

- Cut 1" wide slits in the vapor barrier paper, perpendicular to the plank every 5". The subfloor should be exposed under the slits.

- Only apply POWERTITE™ *PLUS* over a concrete floor that has a urethane or epoxy vapor barrier.

- Cut 1" wide slits in the vapor barrier paper at the end of each plank, perpendicular to the plank. Apply POWERTITE™ *PLUS* adhesive through the slits, directly to the floor before setting the plank down.

- After POWERTITE™ *PLUS* is applied to the floor, place the plank to the floor quickly as there is only 1 minute of open time.

- For finishing rows, use POWERTITE™ *PLUS* (Item PHX-6561), which has a longer working time of 2 minutes. This will give the installer more time to align the finishing rows before the adhesive sets.

- Be sure that any floor where POWERTITE™ *PLUS* is used is free of dirt, paint, or any foreign debris.

2. **PUSH OFF BOARD**

   When starting the installation, POWERTITE™ *PLUS* can be used to bond the starting plank to the subfloor as a push off board. When applying POWERTITE™ PLUS to the floor or the push off board please refer to the instructions in 1. Starting & Finishing Rows.

3. **BOARD REPLACEMENT**

   When using POWERTITE™ *PLUS* for board replacement it is necessary to cut a 1" wide slit in the vapor barrier paper every 5", perpendicular to the plank. When applying POWERTITE™ *PLUS* to the floor to bond the replacement board please refer to the instructions in bullet 1. Starting & Finishing Rows.

4. **END CAPS: EXTENSION & CORNERS**

   In some cases laying boards straight or diagonally can result in an uneven perimeter. In these cases, additional boards must be cut to finish the perimeter. POWERTITE™ *PLUS* can be used to bond the additional boards in this application. When applying POWERTITE™ *PLUS* to the floor please follow the instructions explained in point 3. Board Replacement. When corners are cut off accidentally by the router, POWERTITE™ *PLUS* can be used to bond the corners back to the hardwood planks securely.

5. **STAIR NOSINGS**

   POWERTITE™ *PLUS* adhesive can be used as an auxiliary hold for stair nosings until mechanical fasteners can be inserted. Using an PH-300 glue gun, apply POWERTITE™ *PLUS* with the 3mm nozzle (PHX-6581). Dispense one continuous line of glue every 2" perpendicular to the stair nosings before attaching to the stair step.

6. **TRIMS, TRANSITIONS, T-MOLDING**

   POWERTITE™ *PLUS* bonds well to trims, moldings, transition strips, and T-molding. POWERTITE™ *PLUS* allows quick bonding and elimination of fasteners. With no fasteners exposed you have a more cosmetic looking floor. For T-moldings the glue should be applied length wise along the bottom in a straight line on both sides. This will allow enough glue to spread out on both sides of the T- molding.

7. **MOLDING BASE ¼" ROUND**

   For quarter round molding POWERTITE™ *PLUS* should be applied to the quarter round side that bonds to the vertical wall (not the floor). This method allows a nice, flush fit without gaps between the floor and the quarter round molding. With no fasteners on the quarter round the beauty of the wood is more elegant.

8. **HOLLOW SPOT FILLER**

   POWERTITE™ *PLUS* is also used to fill hollow spots. It is best to fill any hollow spots when the wood is unfinished. Therefore the holes can be filled prior to sand and finish with no noticeable spots. POWERTITE™ *PLUS* can be used on pre-finished hardwoods to fill hollow spots and there is no risk of damage to the pre-finished coating. Please see the POWERTITE™ *PLUS* instruction sheet on filling hollow spots on the next page.

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POWERTITE™ PLUS "EOT"

Guide to Filling Hollow Spots in Hardwood Flooring Installation

Tools Needed:

- PH-300 GLUE GUN (PHX-6300)
- POWERTITE™ *PLUS* Adhesive (PHX-6561)
- POWERHOLD Repair Nozzle (PHX-6584)
- 7/64 drill bit
- Electric Drill

STEP 1

Drill a hole above the center of the hollow spot using a 7/64 drill bit (1/8 drill bit may also be used). Ensure the hole has completely penetrated the hardwood board. Keep wood fibers for Step 5 if needed.

STEP 2

After allowing the POWERTITE™ *PLUS* and PH-300 Glue Gun to reach its maximum operating temperature (5 minute warm up) insert the Repair Nozzle into the drilled hole and start dispensing POWERTITE™ *PLUS* into the void.

Continue dispensing until the POWERTITE™ *PLUS* Adhesive fills the void and begins to flow out of the drilled hole.

STEP 3

Clean off any additional residue with a plastic putty knife and cloth (careful as adhesive is hot).

STEP 4

Use any hardwood floor cleaner to remove excess adhesive from hardwood floor. POWERTITE™ *PLUS* Adhesive will not damage the finished hardwood.

STEP 5

Finish the hollow spot with the following options:

◊ Fill in hole with excess wood fibers and stain.
◊ Stain directly on POWERTITE™ *PLUS* Adhesive.
◊ Insert wooden dowel and stain.