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Permitex is a spray applied acrylic texture coating. It is applied by certified installers. The above photos show Permitex being shot on the wall with a hopper gun and "knocked down" to achieve the specified finish.

SECTION A-1: Application Procedure for New Construction [\[Top of page\]](#)

### **Two Step Standard Wall Texture:**

It is assumed that all wall surfaces have been made PAINT READY prior to the installation of Permitex . The Permitex installer should conduct a thorough inspection of all areas to be coated before starting work. If wall surfaces are unsatisfactory, preparation incomplete, or areas obstructed, it is best to deal with these inadequacies and arrange for a cure before proceeding.

**Equipment Checklist:** *See Appendices*

### **Surface & Area Preparation:**

Wall surfaces and adjoining areas should be dry, free of dust, dirt, grease and any other contaminants that could interfere with the bonding characteristics, installation procedure, or aesthetic qualities of the Permitex system.

### **Masking & Bagging:**

Protect all areas and surfaces not to be coated using the 3M or an equivalent masking system. Surfaces to be masked should be sound, clean, and free of contaminants. Be sure that any surfaces such as doorframes, etc. that may have been painted prior to the Permitex installation, are adequately cured before masking. See appendices for additional information.

### **Smooth Coat:**

Standard Texture -Also custom tinted, this background coat is applied with airless spray equipment using a 517 tip at a rate of 190 to 200 square feet per gallon. Surface irregularities may require a second pass to hide. Do not thin. Allow to thoroughly dry.

### **Texture Coat:**

Standard Texture - The final Texture Coat is also custom tinted and ready to apply using a Marshalltown # 791 Drywall Hopper Gun and a Goldblatt (Gast vane type pump) low pressure, high volume compressor outfit. Multiple gun adjustments, air pressure settings, spray patterns and knock down techniques will yield a wide variety of Permitex Texture looks. Practice and experimentation will help determine and create the desired texture finish. As a starting point for Permitex Standard Texture, assuming the ambient temperature and humidity are 75 Dg. F & 70%: Marshalltown # 791 hopper gun set on ¼" texture orifice (extended barrel) with ¾ trigger stop and air compressor setting at 12-15 psi. Apply a uniform pattern at a rate of +/- 100 square feet per gallon shooting from a distance of 4 to 6ft. from the wall. Allow to set up for approximately 30 minutes before knocking down. Use a two step knock down process with the first step being a random horizontal (anything but vertical) pattern. The second and final knock down pass should be vertical with a flat steady finishing stroke.

Inspection Procedures: Inspection Procedures: *See Appendices* Inspection Procedures: *See Appendices*  
Inspection Procedures: *See Appendices*

Clean up and Precautions: Clean up and Precautions: *See Appendices* Clean up and Precautions: *See Appendices* Clean up and Precautions: *See Appendices*

Hebel Block, Pre-stressed Panel, etc.: Hebel Block, Pre-stressed Panel, etc.:  
Contact TM Pratt & Company (800-776-3316) for procedures and Permitex products specific to these substrates. Hebel Block, Pre-stressed Panel, etc.:  
Contact TM Pratt & Company (800-776-3316) for procedures and Permitex products specific to these substrates. Hebel Block, Pre-stressed Panel, etc.:  
Contact TM Pratt & Company (800-776-3316) for procedures and Permitex products specific to these substrates.

SECTION A-2: Application Procedure New Construction [\[Top of page\]](#)

**Raised Wall Texture:**

It is assumed that all wall surfaces have been made PAINT READY prior to the installation of Permitex . The Permitex installer should conduct a thorough inspection of all areas to be coated before starting work. If wall surfaces are unsatisfactory, preparation incomplete or areas obstructed, it is best to deal with these inadequacies and arrange for a cure before proceeding.

**Equipment Checklist:** *See Appendices*

**Surface & Area Preparation:**

Wall surfaces and adjoining areas should be dry, free of dust, dirt, grease and any other contaminants that could interfere with the bonding characteristics, installation procedure, or aesthetic qualities of the Permitex system.

**Masking & Bagging:**

Protect all areas and surfaces not to be coated using the 3M or an equivalent masking system. Surfaces to be masked should be sound, clean and free of contaminants. Be sure that any surfaces such as doorframes, etc. that may have been painted prior to the Permitex installation, are adequately cured before masking. See appendices for additional information.

**Smooth Coat:**

Raised Texture - This is a custom tinted thick resinous background coat with excellent hiding and anti-fungal qualities. Using an airless and a 513 or 517 spray tip apply at 300 square feet per gallon. Areas of extreme contrast may require a second pass. Do not thin. Allow to thoroughly dry.

**Texture Coat:**

Raised Texture - The installation of Raised Texture is a two-coat process. This texture coat is also custom tinted and ready to apply using a Marshalltown # 791 Drywall Hopper Gun and a Goldblatt (Gast vane type pump) low pressure, high volume compressor outfit. Additional colors require additional coats. Multiple gun adjustments, air pressure settings and spray patterns will yield a variety of Permitex Raised Texture looks. Practice and experimentation will help determine and create the desired texture finish.

As a starting point for Permitex Raised Texture, assuming the ambient temperature and humidity are 75 Dg. F & 70%: Marshalltown # 791 hopper gun set on the second or third from smallest orifice with the trigger stop at 25% (just enough to give a consistent even flow) open and air compressor setting at maximum psi. Apply the first coat in a uniform pattern at a rate of +/- 150 square feet per gallon shooting from a distance of 4 to 6ft. from the wall. Allow to thoroughly dry. For the second coat use the same third from smallest orifice and maximum air pressure setting, but open the trigger slightly to give a bit larger particle size and faster flow rate. Apply the second coat in a uniform pattern at a rate of +/- 120 square feet per gallon shooting from a distance of 4 to 6ft. from the wall.

**Inspection Procedures:** *See Appendices*

**Clean up and Precautions:** *See Appendices*

**Standard Wall Texture:**

After the wall vinyl has been removed, walls should be examined to determine the presence of mildew. If mildew is present, walls need to be treated with bleach treatment. The bleach treatment should be done before making wall repairs because quite often, bad areas that might go unnoticed will show up after bleaching.

**Bleach Treatment:**

Using a garden type sprayer and a solution of bleach and warm water (one-cup bleach per gallon of water), wet out the walls and allow to dry. Immediately after spraying of bleach solution, scrub the molded & discolored areas with a scrub brush on a pole. Scrubbing should break up remaining mildew areas. All of the stains will not go away, but by scrubbing and wetting out with bleach any remaining live spores will be killed. Additional spraying of bleach solution and scrubbing of stubborn areas may be necessary. Allow to thoroughly dry.

**Paste Removal:**

Excess wallpaper paste must be removed by wetting out with warm water and scraping. A normal amount of wallpaper paste residue can stay as it will wet out, emulsify, and lock down when the Permitex Primer Coat is applied. If carpet tack strips are to be saved, they should be covered before paste removal.

**Equipment Checklist:** See *Appendices*

**Masking & Bagging:**

Protect all areas and surfaces not to be coated using 3M or an equivalent masking system. Surfaces to be masked should be sound, clean and free of contaminants. Be sure that any surfaces such as doorframes, etc. that may have been painted prior to the Permitex installation, are adequately cured before masking. See appendices for additional information.

**Rust Block:**

Check all corner beads or exposed nail and screw heads for signs of rust and use a high quality, stain blocking metal primer (RUST-OLEUM No. 769) on these and other areas which are likely to produce rust in the future. Treat exposed rusty metal with Ospho prior to applying metal primer and patching with plaster. Extremely rusted corner beads should be removed and replaced with plastic corner beads.

**Primer Coat:**

Primer Coat should be applied thinly at 600 square feet per gallon using a 513 spray tip. To wet out and emulsify a moderate wallpaper paste residue Primer Coat may be thinned 50% with water and applied at 300 square feet per gallon. See PASTE REMOVAL above. Allow to thoroughly dry.

**Wall Repairs:**

Repair or replace damaged, unsound, wet, or rotted drywall. Cut away and/or remove any loose or delaminated wallboard paper. Patch and make smooth as needed. Large voids, gaps or cuts need to be patched and/or taped and mudded. Caulk where required to achieve an even & clean line in corners and at window, doorframe, and equipment junctions. Conduct wall repairs after applying styrene acrylic (SA) primer.

**Moisture Damage:**

Previous moisture problems may cause the wallboard paper to blister or separate from the wallboard in places. Mild blistering may not require cutting out and repairing as the paper may shrink down and bond when the Primer Coat dries. If blistering persists, these areas must be cut out, repaired and primed again before proceeding. Allow to thoroughly dry. **Do not proceed with Permitex installation on areas that remain wet.**

**Stain Block:**

On areas that ARE\* or WERE\* stained from mildew or other causes, apply Permitex Stain Blocker at 300 square feet per gallon using a 513 spray tip. Allow to thoroughly dry. Stain Block Primer applied over walls that have been patched & repaired will reduce flashing.

**Smooth Coat:**

Standard texture -This is a custom tinted, thick resinous background coat with excellent hiding and anti-fungal qualities. Apply using an airless with 517-spray tip at a rate of 200 to 225 square feet per gallon. Surface irregularities may require a second pass to hide. Do not thin. Allow to thoroughly dry.

**Texture Coat:**

Standard Texture -The final coat is also custom tinted and ready to apply using a Marshalltown #791 Drywall Hopper Gun and a Goldblatt (Gast vane type pump) low pressure, high volume compressor outfit. Multiple gun adjustments, air pressure settings, spray patterns and knock down techniques will yield a wide variety of Permitex Texture looks. Practice and experimentation will help determine and create the desired texture finish.

As a starting point for Permitex Standard Texture, assuming the ambient temperature and humidity are 75 Dg. F & 70%: Marshalltown # 791 hopper gun set on ¼" texture orifice (extended barrel) with ¾ trigger stop and air compressor setting at 12-15 psi. Apply a uniform pattern at a rate of +/- 90 square feet per gallon shooting from a distance of 4 to 6ft. from the wall. Allow to set up for approximately 30 minutes before knocking down. Use a two step knock down procedure with the first step being a random horizontal (anything but vertical) pattern. The second and final knock down pass should be vertical with a flat steady finishing stroke.

**Inspection Procedures:** *See Appendices.*

**Clean up and Precautions:** *See Appendices.*

\*Very nasty stained areas may have to be double coated with Stain Blocker. Be sure these areas are dry before proceeding. **Do not proceed with Permitex installation on areas that remain wet.** Cure the water intrusion problem and repair the wall before priming and continuing.

SECTION B-2: Application Procedure Renovation [\[Top of page\]](#)

**Raised Wall Texture:**

After the wall vinyl has been removed, walls should be examined to determine the presence of mildew. If mildew is present, walls need to be treated with bleach treatment. The bleach treatment should be done before making wall repairs because quite often bad areas that might go unnoticed will show up after bleaching.

**Bleach Treatment:**

Using a garden type sprayer and a solution of bleach and warm water (one-cup bleach per gallon of water), wet out the walls and allow to dry. Immediately after spraying of bleach solution, scrub the molded & discolored areas with a scrub brush on a pole. Scrubbing should break up remaining mildew areas. All of the stains will not go away, but by scrubbing and wetting out with bleach any remaining live spores will be killed. Additional spraying of bleach solution and scrubbing of stubborn areas may be necessary. Allow to thoroughly dry.

**Paste Removal:**

Excess wallpaper paste must be removed by wetting out with warm water and scraping. A normal amount of wallpaper paste residue can stay as it will wet out, emulsify, and lock down when the Permitex Primer Coat is applied. If carpet tack strips are to be saved, they should be covered before paste removal.

**Equipment Checklist:** *See Appendices*

**Masking & Bagging:**

Protect all areas and surfaces not to be coated using 3M or an equivalent masking system. Surfaces to be masked should be sound, clean and free of contaminates. Be sure that any surfaces such as doorframes, etc. that may have been painted prior to the Permitex installation, are adequately cured before masking. See appendices for additional information.

**Rust Block:**

Check all corner beads or exposed nail and screw heads for signs of rust and use a high quality, stain

blocking metal primer (RUST-OLEUM No. 769) on these and other areas which are likely to produce rust in the future. Treat exposed rusty metal with Ospho prior to applying metal primer and patching with plaster. Extremely rusted corner beads should be removed and replaced with plastic corner beads.

**Primer Coat:**

Primer Coat should be applied thinly at 600 square feet per gallon using a 513-spray tip. To wet out and emulsify a moderate wallpaper paste residue Primer Coat may be thinned 50% with water and applied at 300 square feet per gallon. See PASTE REMOVAL above. Allow to thoroughly dry.

**Wall Repairs:**

Repair or replace damaged, unsound, wet, or rotted drywall. Cut away and/or remove any loose or delaminated wallboard paper. Patch and make smooth as needed. Large voids, gaps or cuts need to be patched and/or taped and mudded. Caulk where required to achieve an even & clean line in corners and at window, doorframe, and equipment junctions.

**Moisture Damage:**

Previous moisture problems may cause the wallboard paper to blister or separate from the wallboard in places. Mild blistering may not require cutting out and repairing as the paper may shrink down and bond when the Primer Coat dries. If blistering persists, these areas must be cut out, repaired and primed again before proceeding. Allow to thoroughly dry. Do not proceed with Permitex installation on areas that remain wet.

**Stain Block:**

On areas that ARE\* or WERE\* stained from mildew or other causes, apply Permitex Stain Blocker at 300 square feet per gallon using a 513 spray tip. Allow to thoroughly dry. Stain Block Primer applied over walls that have been patched & repaired will reduce flashing.

**Smooth Coat:**

Raised Texture - This is a custom tinted thick resinous background coat with excellent hiding and anti-fungal qualities. Using an airless and a 513 or 517 spray tip apply at 300 square feet per gallon. Areas of extreme contrast may require a second pass. Do not thin. Allow to thoroughly dry.

**Texture Coat:**

Raised Texture -The installation of Raised Texture is a two coat process. This texture coat is also custom tinted and ready to apply using a Marshalltown # 791 Drywall Hopper Gun and a Goldblatt (Gast vane type pump) low pressure, high volume compressor outfit. Multiple gun adjustments, air pressure settings and spray patterns will yield a variety of Permitex Raised Texture looks. Practice and experimentation will help determine and create the desired texture finish.

As a starting point for Permitex Raised Texture, assuming the ambient temperature and humidity are 75 Dg. F & 70%: Marshalltown # 791 hopper gun set on the third (3<sup>rd</sup>) from smallest orifice with the trigger stop at 25% (just enough to give a consistent even flow) open and air compressor setting at maximum psi. Apply the first coat in a uniform pattern at a rate of +/- 150 square feet per gallon shooting from a distance of 4 to 6ft. from the wall. Allow to thoroughly Dry. For the second coat use the same third from smallest orifice and maximum air pressure setting, but open the trigger slightly to give a bit larger particle size and faster flow rate. Apply the second coat in a uniform pattern at a rate of +/- 120 square feet per gallon shooting from a distance of 4 to 6ft. from the wall.

**Inspection Procedures:** *See Appendices.*

**Clean up and Precautions:** *See Appendices.*

Appendix A: Equipment Check List [\[Top of page\]](#)

- Goldblatt Manufacturing Pattern pistol compressor and spray machine. Available at Home Depot or Tool Source.
- Marshalltown Texture mate Drywall Hopper gun Model MA 791 as replacement to Goldblatt Hopper available through Tool Source.

- For spraying the Primer or Smooth Coats use an airless spray unit such as Wagner EP 2300 Pro Series with a 513 and 517 tip for Primer and Smooth coats respectively.
- Respirators, shop coats, hats, heavy-duty booties.
- Ceiling flexible spray shield 3-foot length, Goldblatt 15192 or equivalent.
- Mud type paddle with extension for 1/2" drill for mixing textured product, and 1/2" drill.
- Knock down tools Goldblatt 5350 (10") or 5352 (12") or Marshalltown # 2161 (must be straight on edge w/ flared points) and stainless steel mud pan, Goldblatt 14"# 5225 or equivalent and 11/2" putty knife.
- Heavy-duty drywall pole sander.
- Rollers with 3/8" or 1/2" nap for primer and 3/4" or 1" nap for Smooth Coat and roller frames and extensions.
- Holster and belt, tool bag, and hand truck and foot stool.
- Drum opener, rubber bands for pail liners, spatula with long handle, 5-gallon strainers.
- Halogen lamps (2 singles and 2 doubles on tripods) plus spare 500 watt bulbs and extension cords 2-100, 3-25, 4-10 with 3 way, 1-100 lightweight.
- Drop cloth runners.
- 3M hand masking tool with accessories contact TM Pratt & Company for details.
- Masking tape 1", and 2" widths, and duct tape in 2" width.
- 3 M Masking film in 12", 24", and other widths appropriate to the masking requirements.
- Polyethylene film in 1 or 3 mils thickness with widths appropriate to sizes of room and hallway.
- Poly tubing 6" for spray equipment hoses contact TM Pratt & Company.
- Push pins, scissors & glue pens to tack poly film to windows or shower units.
- Razor utility knives and plenty of spare blades to cut mask material away from walls and trim.
- Rags, sponges, garden hose, nozzle and Y fitting.
- Water bucket for cleanup of over spray and tools.
- Rosin Paper for hallways and high traffic areas.
- Air pressurized garden type 2-gallon sprayer with 3 hose for applying bleach solution to walls.

Below are some phone numbers that may be helpful in locating the necessary tools. If you have any questions or problems finding the tools, please call us at 1-800-776-3316.

Tool Source: 800-372-0146 \* Goldblatt: 800-621-8200 \* 3M: 800-854-4266 \* Marshalltown: 800-888-0127

Appendix B: Hints for Masking and Bagging the Room [\[Top of page\]](#)

- The room is assumed to be paint ready and furniture, fixtures, and equipment free (FF&E). Check different areas in each of the rooms for moisture levels. Make note of which areas are checked and the moisture readings obtained at each location. Do not continue if any moisture readings are in excess of the safe limit for the substrate being tested. If you believe you may have a moisture problem, stop and correct the problem before proceeding.
- The return air conditioning, or hot air heat system should be turned off or blocked before masking.
- The carpet if any should be covered with polyethylene with at least 3" overlap and duct tape applied at the seams.
- Dust off or wipe areas to be masked to assure masking tape sticks to the substrate.
- All heating and a/c vents should be masked, vent covers should be removed, and thermostat should be adjusted and masked.
- Sprinkler heads and smoke alarms should be masked with paper or film at base and then use an appropriate sized Styrofoam cup to cover the sensor. Check with building personnel to determine whether the procedure followed meets operating codes.
- All switch plate and outlet covers should be removed and placed in room hardware bag.
- All switches and outlets should be masked.

- All windows, wooden trim, doors, and door frames should be masked.
- All hallways and high traffic areas should be covered with rosin paper runners.
- A clean area should be defined near the elevator allowing personnel to remove shoes or apply clean footwear or booties before entering the elevator and other areas of the hotel. Masking the doors, windows, shower units, a/c unit, mirrors or other common sized objects encountered in each room should be done using pre cut pieces if possible. Glue sticks are quite useful to tack the poly material to the area being masked, then follow up with tape. If the doorstops have been removed, a temporary one should be rigged to prevent wall damage.
- Be sure that any surfaces such as door frames, etc., that may have been painted are adequately cured.

#### Appendix C: Clean Up [\[Top of page\]](#)

- All tools and equipment used in the application of Permitex products can be cleaned with warm soapy water.
- After the texture coat has dried and the room has been inspected. The room should be cleaned up as follows.
- All tape should be removed from the walls, windows, outlets, switches, and doors. Care should be taken, as the Texture Coat can be peeled away from the wall in areas if tape is removed hastily. When in doubt use a razor utility knife with a fresh blade to cut the tape line to get a clean edge. All used painting supply material, except containers, should be removed from the room and placed in the facility's dumpsite. All polyethylene should be removed from the floor unless the property owner wishes it to stay.

#### Appendix D: The Inspection Process [\[Top of page\]](#)

- The room should be inspected at the inception of the job to determine if the area is in a paint ready condition.
- Moisture readings are crucial since painting/texturing over moist walls will result in an unacceptable job. Work must not begin if moisture readings are in excess of safe readings based on the wall substrate.
- Additional inspections should occur after the room is masked and bagged.
- Further inspections are necessary after the primer is applied. Look for raised drywall face, non-dry spots, and recheck moisture readings.
- Additional inspection should take place after the smooth coat is applied.
- Additional inspections should occur after the texture coat is applied.
- A final sign off inspection should occur after the room is cleaned.

#### Appendix E: Options [\[Top of page\]](#)

In addition to the Standard Texture over Smooth Finish and the Raised Texture Finish, Permitex can be installed with the following options:

- A). Finish Options:
- 1). Smooth over Texture Finish
  - 2). Floated Finish
  - 3). Texture over Raised
  - 4). Multiple Layering

- B). Color Options:
- 1). Accent Texture colors
  - 2). Stipple colors
  - 3). Stain Over

4). Pigment Float

C). Other Options:

- 1). Clear Satin Sealer Finish Coat
- 2). Burnishing Finish

Please contact TM Pratt & Company for specific instructions for these finish techniques.

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Web Site: [www.tmpratt.com](http://www.tmpratt.com)

Appendix F: Precautions [\[Top of page\]](#)

**CAUTION**

Use with adequate ventilation. Do not ingest. Avoid prolonged contact with the skin. Wash immediately after use and before smoking or eating. Avoid breathing vapors or mist. In case of eye contact, flush eyes immediately with water and continue for at least 15 minutes and consult a physician. In case of ingestion, do not induce vomiting; drink one or 2 glasses of water to dilute. Seek immediate medical attention. If affected by inhalation, leave the area for a location with fresh air; administer oxygen if necessary, and seek immediate medical attention. Keep from freezing. Close container after each use. **Keep container out of reach of children.** Do not transfer contents to another container for storage.

**CAUTION**

Contains Crystalline Silica

Use only with adequate ventilation

Avoid contact and breathing of vapors and spray mist. Local exhaust is preferable. If in a confined area use mechanical ventilation. If spraying, use NIOSH approved respirator equipment meeting standards TC -21C-141 or TC-21C-183 specified for protection against spray mist, and sanding dust. This product contains crystalline silica, which is considered a health hazard if inhaled, which can result in silicosis.

**LIMITED WARRANTY**

In lieu of all other warranties or guaranties, express or implied by contract or law, Manufacturers liability is hereby limited to replacement of such quantities of this material if found to be defective upon inspection by it. Manufacturer shall not be liable for any representations, warranties (express or implied) made by any of its agents, representatives or employees or by any applicator regarding the product contained herein. In no case will manufacturer reimburse for extra labor cost or be responsible for damage or replacement of substrates to which this product is applied.