

## I. PRODUCT NAME

TEC® Invision® Ready To Use Patch & Leveler

## 2. MANUFACTURER

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## 3. DESCRIPTION

TEC® Invision® ready to use patch & leveler is a versatile self-leveling material that can be used for 3 separate functions: as a floor leveler, as a skim coat (i.e. embossing leveler over sheet goods), and as a floor patch. Levels interior floors *prior to the installation of floor covering* and offers the convenience of a premixed product, extended working time, and strength.

TEC Invision ready to use patch & leveler may be applied up to 1/2 in. in a single pour. Single pours should not exceed 1/2 in., *however subsequent pours may be made but you must allow the previous pour to completely cure first.* Its advanced Acrylic Latex base allows exceptional adhesion to a variety of substrates. No primer needed.

### Key Benefits and Features

- Self-leveling formula.
- Levels surface and fills voids up to 1/2 in. in a single pour.
- Adheres to a variety of substrates.
- No primer needed.
- Can also be used as an embossing leveler.

### Packaging

1 gallon plastic pail (36020)

### Coverage

Coverage will vary with condition of substrate. Typically 13-16 square feet at 1/8 in. thickness per gallon.

### Suitable Substrates

- Above grade concrete—fully cured, dry, moisture tested, and free from dampness and water vapor emission.
- Radiant heated concrete (heat system is part of concrete structure, not mats or coils on top of concrete). Heat must be turned off for 4 hours prior to installation and left off until patch & leveler is completely cured.
- Exterior grade plywood, Oriented strand board.
- Over Cementitious Backer Units, Fiber Cement Underlayment.
- Ceramic tile (must be scarified).
- VCT, solid vinyl tile, asphalt tile, linoleum, and non-cushioned, fully adhered sheet goods; Vinyl must be well-bonded and stripped of waxes or finishes.
- Wood flooring—must be stripped of wax and finishes.

### Storage

Store indoors in a cool, dry location. Keep away from excessive heat. Freeze/thaw stable to -10°F. If frozen, slowly bring material back to room temperature and mix per instructions.

### Shelf Life

Maximum of 1 year from date of manufacture in unopened package.

### Limitations

- Not for use as a final wear layer.
- Not for exterior use.
- Not for use over cushioned or perimeter adhered vinyl.
- Not for use in showers (not waterproof).
- Not for use on walls.
- Not for use on below grade concrete; not for use over concrete that is subject to hydrostatic pressure or high moisture vapor emission; we recommend moisture testing the concrete.
- Not for use in conjunction with PVC heating mats or coils, or over polyethylene membranes or other membranes.
- Not for use over tempered hard board, pressboard, or particleboard.
- Not for use over cutback adhesive.

### Cautions

**IMPORTANT:** Sanding releases dust harmful to lungs. Use appropriate respiratory protection to avoid breathing dust. **FIRST AID MEASURES:** In all cases, seek medical attention if symptoms develop or persist. **EYES:** Flush with water for 20 minutes. **SKIN:** Wash with soap and water. **IF VAPORS INHALED:** Remove to fresh air. **IF SWALLOWED:** Do not induce vomiting. **WARNING!** This product contains chemicals known to the State of California to cause cancer, birth defects or reproductive harm. **KEEP OUT OF REACH OF CHILDREN.** For Medical Emergency Information, call 1-888-853-1758. This Product Data Sheet has been prepared in good faith on the basis of information available at the time of publication. It is intended to provide users with information about and guidelines for the proper use and application of the covered TEC® Invision® brand product(s) under normal environmental and working conditions. Because each project is different, H.B. Fuller Construction Products Inc. cannot be responsible for the consequences of variations in such conditions, or for unforeseen conditions.

## 4. TECHNICAL DATA

### Applicable Standard

TEC® Invision® Ready To Use Patch & Leveler	
Description	Typical Results
Compressive Strength	1000 psi
Physical Properties	
Description	
Base	Acrylic copolymer latex
Physical State	Thin Paste
Color	Gray
Open Time [at 72°F (22°C)]	30 to 45 minutes
VOC/Liter Less Water	4 grams (calculated)
Storage	Store in cool, dry location. Do not store open containers. Freeze/thaw stable.
Shelf Life	Maximum 1 year from date of manufacture in properly stored, unopened package.

## 5. INSTALLATION INSTRUCTIONS

### Surface Preparation

All surfaces must be structurally sound, clean, dry, and free from any contaminants and adhesive residue. Concrete must be fully cured, on or above grade, and not subject to hydrostatic pressure or moisture vapor emissions (moisture test). Plywood floors must be built to industry standards. Sheet vinyl, vinyl composition tile and wood flooring should be solidly bonded and stripped of old finishes and waxes. Do not sand any floors or adhesives that are known or suspected to contain asbestos. Follow the Resilient Floor Covering Institute recommendations for removal of cutback adhesive. Ceramic tile surfaces must be scarified.

### Instructions for Mixing

Note: TEC Invision ready to use patch and leveler and the substrate should be at room temperature for 24 hours prior to use. Apply at temperatures 50°-90°F.

Stirring material after opening is required to break up any sand that has settled on the bottom of the bucket.

1. Turn container upside down. Firmly strike the container downward on the lid holding container 3-4 inches from the floor. Repeat until product releases from container bottom.
2. Once the sand has broken free from the bottom of the bucket, roll the container back and forth on its side for approximately 60 seconds. Upon opening the container, you will find that the sand must still be thoroughly stirred with the milky liquid. The consistency of the unstirred product will be stiff and heavy in the bottom of the bucket due to settling during transport.
3. Use either a paint stick or preferably a 2-3 inch diameter spiral paint mixer and a variable speed drill to ensure thoroughness in stirring. If using a spiral paint mixer, be sure to hold bucket securely between your feet while mixing. Run mixer at a low speed until product is completely stirred to a uniform consistency with no milky liquid on the top or lumps or clumps in the mixture.
4. IMPORTANT: If using more than one bucket, mix all buckets at the same time.

### Application

Apply at temperatures of 50°-90°F.

### When Using as a Self Leveler

Follow all surface preparation and stirring instructions before using product. Thoroughly sweep or vacuum floor area. Identify and mark all the high and low spots on the floor. Wipe area where pour will take place with a slightly wrung damp sponge to assist in product flow.

**For extremely porous substrates use more water.** This will assist with product flow. Working in an area of no larger than 25 square feet, pour TEC Invision ready to use patch & leveler over the marked low spot of the floor, not exceeding 1/2 in. in depth. Do not attempt to spread product more than 6-8 feet at a time. Side by side pours must be applied no more than 5-10 minutes apart to ensure a seamless finish and prevent a rough surface. Overlap side by side pours by 1-3 inches. Allow product to seek its own level after pouring. Use a flat-edged

finishing trowel to feather the outside edge of pour to allow for better product flow. A finishing trowel may also be used sparingly to assist in moving material if necessary, but caution should be exercised as overworking this will cause waves in the product. Single pours should not exceed 1/2 inch. Subsequent pours may be made, however, the previous pour must be allowed to completely cure first. Cure time is approximately 16-24 hours for a 1/8 in. pour depending on ambient conditions (24-48 hours for a 1/2 in. pour). Humid conditions, low temperatures, and non-porous substrates extend the cure time. If sanding is needed after product is dry, it must be done within the first 24 hours. Allow 24-48 hours prior to installing most floor coverings. If you are installing a hardwood floor, an approximate cure time of 72 hours will be required. The finished installation must be protected from moisture and/or freezing for a minimum of 24-72 hours.

### When Using as a Floor Patch

Follow all surface preparation and stirring instructions before using product. Thoroughly sweep or vacuum floor area. Identify and mark all the high and low spots on the floor. Pour TEC Invision ready to use patch & leveler onto the damaged area of the floor at its lowest point. Product will seek much of its own level within minutes. Feather outside edge of pour with finishing trowel to ensure seamless finish with original floor. Dry time will depend on thickness of patch, ranging between 16-24 hours. Application tools, such as putty knife may be necessary for small patching jobs. If sanding is needed after product is dry, it must be done within the first 24 hours.

### When Using as a Skim Coat or Embossing Leveler

Follow all surface preparation and stirring instructions before using product. Thoroughly sweep or vacuum floor area. Pour TEC Invision ready to use patch & leveler onto surface working area no larger than 5-10 square feet at a time. Holding a finishing trowel at approximately 30° angle, pull product toward you. Apply a minimum of 1/8 in. of patch and leveler on the floor's surface to ensure a clean finish. Allow 12-24 hours for dry time per 1/8 in. pour. Dry time may vary based on thickness. If sanding is needed after product is dry, it must be done within the first 24 hours.

### Clean-up

Clean tools with water before material dries. Wash hands with soap and water.

## 6. WARRANTY

For details about our limited warranties, see your sales associate or [www.tecinvision.com](http://www.tecinvision.com).

## 7. TECHNICAL SERVICES

### Technical assistance

Information is available by calling the Technical Service Helpline.

Toll Free: 1-866-773-7047

Fax: 1-847-776-4452

### Technical and safety literature

To acquire technical and safety literature, please visit our website at [www.tecinvision.com](http://www.tecinvision.com).