



# Vitex M-600

## Multi-Purpose Patch & Underlayment

# SURFACE PREPARATION

### DESCRIPTION:

Parabond Vitex M-600 is a polymer modified, cementitious patching compound formulated to be mixed with water or latex additive. It is quick setting (20-30 minutes), fast drying (normally one hour) and will not shrink. Parabond M-600 is moisture resistant and will not support mildew or fungus growth.

### USES AND QUALIFICATIONS:

1. M-600 is used to fill cracks and holes in wood, concrete and masonry surfaces and to fill and smooth joints and other imperfections in underlayments prior to the installation of vinyl sheet goods, vinyl composition tile (VCT), carpet and wood flooring materials. Parabond M-600 can be troweled from a fine featheredge to 1/2" thickness.
2. M-600 can be used on both vertical and horizontal surfaces below, on and above grade concrete surfaces.
3. M-600 can be used over highly glazed surfaces such as ceramic and quarry tile, when mixed Parabond M-615 Latex instead of water for enhanced bond strength.
4. M-600 may be used over cutback adhesive residue provided the substrate is free of any moisture condition. M-600 must be mixed with M-615 latex instead of water for this application. It is also important to remove as much of the old adhesive as possible by scraping so that a mechanical bond with the substrate can be achieved.
5. M-600 may be used as a vinyl embossing leveler when it is mixed full strength with M-615 Latex.
6. When used as a vinyl embossing leveler, application should be limited to use over well bonded, full adhesive applied sheet goods and resilient tiles. Do Not use over perimeter applied vinyl installations or heavily cushioned backings. For vinyl floors with a "clean sweep" finish it is necessary to prep the surface prior to using an embossing leveler. To determine if a vinyl surface has a "clean sweep" finish, apply a few drops of tincture iodine to the vinyl surface at an inconspicuous place. After a few minutes remove the iodine. If the surface is permanently stained, proceed with application of the embossing leveler. If the iodine is easily removed then the vinyl surface has a "clean sweep" finish and the following steps are required:
7. Remove the surface treatment using a standard speed floor machine with a grit impregnated brush attached.
8. Set the floor machine to the low speed (approximately 175 rpm).
9. Slowly work the machine from side to side until the entire floor has been brushed three (3) times.

10. Wipe the floor with a clean damp rag until all possible contaminants are removed.
11. Allow to dry, and then apply the embossing leveler.

**Note:** The use of M-615 Latex may increase pot life, setting time and drying time of the mixture.

### FLOOR PREPARATION:

1. All surfaces to which M-600 is to be applied must be structurally sound, dry, clean and free of dust, dirt, oil, grease, paint and all other contaminating substances.
2. Concrete floors must be fully cured and free of all curing compounds and efflorescence.

### MIXING:

1. Mix approximately 3 parts of M-600 to 1 part of clean water or 4 quarts of water to a 25# bag.
2. Mix to a creamy consistency free of lumps. The consistency of the slurry should be such that it clings to the trowel, not a runny consistency.
3. Always add powder to the water, not water to the powder.
4. DO NOT OVER-WATER.
5. M-600 is quick setting (usually 20 to 30 minutes) do not mix any more than can be used in 10 to 15 minutes.
6. Do not subject to high speed mechanical mixing as this can cause air entrapment.

### APPLICATION:

1. Apply to the surface with a clean trowel or broad knife, making certain that the slurry is forced into cracks and joints.
2. After application, keep the surface clear of traffic until the patch is firmly set (usually 20 to 30 minutes).
3. Finish the application by scraping or lightly sanding high spots.
4. M-600 must be firmly set and dry (usually 60 to 90 minutes) before installing the floor covering.

Pot Life:	15-25 min (73°F / 22.5°C)
Drying Time:	30-60 minutes depending on thickness and jobsite conditions
Initial Set:	20-30 minutes
Final Set:	45-60 minutes
28 days .	Compressive Strength (ASTM / C109) 3500 psi

### CAUTION:

Contains a Pozzolan and Calcium Sulfate. Do not take internally. If this happens, call a physician immediately. Avoid skin and eye contact. Wet cement can dry the skin and cause alkali burns. Exposure to dust can irritate eyes, nose, throat and upper respiratory system. When using,

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OSHA/NIOSH approved respirator and eye protection is suggested. This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

**PACKAGING:** 25 lb. Bag

**LIMITATIONS:**

1. This product is intended for interior use only.
2. Use underlayment recommended by the floor-covering manufacturer.
3. Do not use to level large areas.
4. Do not use on floors where excessive moisture, alkali or hydrostatic pressure is present.
5. Prior to the installation of adhesive applied flooring products, we highly recommend conducting a calcium chloride moisture test, on concrete slabs on or below grade. If test results show the moisture exceeds 3.0 lbs. per 1000 sq ft as tested using the Calcium Chloride test ASTM F1869, consult Royal and the floor covering manufacturer for their specific

recommendation.

6. Do not use over expansion joints.
7. Do not use as a concrete resurfacing material that will be left exposed.
8. It is the sole responsibility of the installer to determine the suitability and compatibility of the adhesive for the user's intended use.

**COVERAGE:**

- Skim coat 300-450 sq ft / 25 lb bag
- 1/8" 25-35 sq ft / 25 lb bag

**WARRANTY:**

Royal Adhesives and Sealants offers a limited warranty for this product when used in accordance with printed specifications. A copy of the limited warranty can be obtained by calling technical service at 800 763-7272 or visiting [www.parabond.com](http://www.parabond.com)

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