

MERKRETE

Pro Patch AL1

All-in-One patching compound for skim coat, embossed resilient leveling and surface repair

2. Manufacturer

Parex USA, Inc.
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3. Product Description

BASIC USE: Merkrete Pro Patch AL1 is a fast setting high end polymer modified Portland cement based skim coat compound for embossed leveling resilient floors, finishing and smoothing of interior subfloors. Pro Patch AL1 is specifically formulated to smooth and finish substrates prior to the installation of luxury vinyl tiles, vinyl sheet goods, vinyl composition tile (VCT), carpet and glued-down installation of floor coverings, ceramic tile, and stone.

Uses: Pro Patch AL1 can be used from featheredge to 1" for repairing subfloors. Pro Patch AL1 is suitable for skim coat of unfinished, rough concrete. Pro Patch AL1 is ideal for filling voids, holes, and cracks in plywood and concrete substrates. Properly prepared well bonded cutback adhesives, embossed resilient vinyl floors and existing ceramic tile installations can be skim coated with Pro Patch AL1 in residential and light commercial construction.

Advantages

- Ideal for patching and leveling from featheredge to 1"
- Fast Setting
- Mix with water only
- Ideal for vinyl (VCT), carpet, glued-down floor coverings, ceramic tile, and stone.
- Embossed floor leveler
- Compatible bond with all floor covering adhesives

4. Technical Data

Test Parameters	PRO PATCH AL1
Compressive Strength ASTM C-109	
7-Day	>1800 PSI
28-Day	>3500 PSI
Pot Life	10 Minutes
Drying Time	20-50 Minutes

Packaging: 10 lb box (4.53 kg) - 4 boxes in a case | Color: Gray

Shelf Life: Reference Parex USA Expiration Date of Products Technical Bulletin.

5. Installation

Surface Preparation: All floor covering to be skimmed or patched must be well bonded to the sub floor and shall be dry, free of adhesives, paint, wax, dirt, grease, wax, sealers or any other foreign materials that may inhibit bond. Old cutback* adhesive must be thoroughly dry, hard and bonded. Scrape off ridges and remove any loose cutback*. Surfaces must be between 40°F (4°C) to 95°F (35°C).

Mixing: Add approximately 2.2 to 2.4 quarts (2.1 to 2.3 L) of cool potable water for every 10 lbs (4.53 Kg.) of powder in a clean mixing container. Using a low speed mixer (300 RPM or less) add the powder to the water and mix to a lump free consistency. Avoid air entrapment and prolonged mixing which will shorten pot life. Do not over water. Mix only enough Pro Patch AL1 that can be used in 10 minutes

Application: Apply the mixed Pro Patch AL1 immediately by using a flat edged trowel to force the initial coat into

the substrate. Finish the mixture to the desired thickness and smoothness. Avoid excessive heat or drafty conditions during curing period. Pro Patch AL1 should not be over troweled. Use water on the trowel to make the finishing of the mixture easier. If material becomes too stiff to work, discard. Set time is 20 minutes to 40 minutes depending on ambient temperature and thickness. Any ridges or unevenness left in the patch can be scraped smooth with the clean flat edge of a trowel or sanded after a hard set.

Limitations: Do not use ProPatch below 40° F (4° C) or above 95° F (35° C). Use caution; do not allow patch to freeze for the first 72 hours. Do not use over gypsum based substrates.

*Cutback adhesive from the past may contain asbestos, consult the Resilient Floor Covering Institute's (RFCI www.rfci.com) recommendations for removal or preparation of resilient floor coverings and cutback adhesive.

Use as resilient embossed leveling for preparation for resilient floor covering only. Do not use for leveling large areas, use Merkrete Underlay SLU. For use of Pro Patch AL1 over additional substrates or situations not mentioned in these instructions, contact Merkrete Technical Services.

Cleaning: Water is all that is needed to remove any uncured mortar from tools, equipment and hands.

Coverage: 10 lb box will cover

Thickness in Inches	Coverage
1/4"	15 ft ²
1/8"	30 ft ²
1/16"	60 ft ²
1/32"	120 ft ²

Coverages shown are for estimating purposes. Actual job site coverage may vary according by application method, substrate conditions, and actual thickness applied.

6. Availability

Merkrete Pro Patch AL1 is available at leading tile houses and construction distributors. Contact Merkrete or visit our web site for the name of the nearest dealer at www.merkrete.com.

7. Warranty

5 year, 10 year and Limited Lifetime warranties are available. Contact Merkrete Technical Services or visit our web site for specific warranty information. Merkrete Systems warrants that this product meets applicable ANSI standards in force at the time of manufacture.

8. Maintenance

None required, but installation performance and durability may depend on properly maintaining products supplied by other manufacturers.

9. Technical Services

Merkrete Systems maintains technical field representatives available throughout the country. Call Technical Services at 800-226-2424 for the nearest representative.

10. Filing Systems

Merkrete architectural product information available either in catalog form, or electronically on our website at www.merkrete.com.

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