

K A U F M A N

PRODUCT
INFORMATION

KAUFMAN
PRODUCTS
INC.

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Patch & Rub

Description

Patch & Rub are quick setting, cementitious patching and finishing compounds that are used to fill and smooth interior and exterior vertical concrete surfaces prior to sealing or painting. Trowel applied, Patch & Rub products are composed of special portland cements, silica aggregates, workability & water reducing agents. Patch & Rub products are available with or without the addition of a proprietary dry latex polymer. The addition of this ingredient in Patch & Rub PM, assists with increased bonding adhesion. In both cases, when mixed with potable water, Patch & Rub products become creamy and smooth mortars that are easy to use when filling in surface defects, chips, honeycombs, bug holes, etc. Patch & Rub dries quickly without cracking and shrinking, and can later be rubbed, sealed or painted as desired. Patch & Rub products contain no gypsum cement, making it ideal for both interior and exterior projects.

Uses

Patch & Rub products are an excellent choice to finish concrete walls after stripping the forms, as well as to repair any minor surface imperfections. Patch & Rub products are ideal for use in repairing precast or pre-stressed concrete, tilt-up walls, poured in place concrete walls, and other concrete or masonry surfaces. Whether it is a large area or small, the smooth and creamy nature of Patch & Rub, combined with the light grey color, will make the job go easier and the concrete more attractive.

Packaging

50 pound bag .45 ft³

Directions

Surface Preparation

Surfaces must be structurally sound, clean, and free of loose or deteriorated concrete, rust, oily materials, bond breaker, form release agents, sealers, and all contaminants. Any loose material must be removed. If necessary, mechanically clean the concrete surface, to produce a sound and solid substrate. Following International Concrete Repair Institute (ICRI) guidelines to produce a Concrete Surface Profile of 3-6 is ideal. Pre wet the prepared area with potable water for approximately 15 minutes to produce a Saturated Surface Dry (SSD) condition immediately before application of Wall Patch. Both air and surface temperatures must be a minimum of 45 degrees Fahrenheit.

Physical Properties - 75 °F

Mixing Ratio	4-5 quarts/50 lb. bag
Vicat Set (ASTM C-131)	
Initial Set	3-4 hours
Final Set	4-6 hours
VOC Content	0 grams/liter
Coverage Rate	
50 lbs. bag	165 ft ² @ 1/8"
Shelf Life	1 Year
Storage	Store in a cool, dry area

*Temperature and humidity, as well thickness of application, will greatly affect the dry time and strength development of Patch & Rub

Application

Mix each unit of Patch & Rub with 4.43 quarts of water with each 50 lb. bag. Thoroughly mix until uniformly blended but no more than 3 minutes. Always add the Patch & Rub to the mixing water, and not the other way around. The use of a low RPM (1/2" drill) and a mud paddle is recommended, however Patch & Rub may also be mixed by hand using a trowel. Do not re-temper or add sand to this mix. Do not ever add plasticizers, accelerators, retarders, or any other ingredients besides potable water unless advised by Kaufman Products in writing.

Scrub Patch & Rub intimately into the pores of the roughened surfaces with a gloved hand, and then apply the rest of the material to the area with a steel trowel applying pressure to force the material into the concrete substrate. The use of a rubber float or sponge can be beneficial when touching areas up for aesthetic purposes. Additionally, if the material has already set yet still needs to be finished, try using fine sand paper, rubbing, or re-skimming the surface with fresh material. Patch & Rub is ideally suited for repairs of 1" down to featheredge, and may be layered for deeper applications.

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Notes

Never re-temper. Do not overwater. This product is not recommended for resurfacing or topping floor areas. Color variations will occur based on mixing ratios, weather conditions, and finishing techniques. The set time of Patch & Rub will vary based upon depth of placement and weather conditions. Always install a mock-up to make certain that Patch & Rub provides the aesthetics required for the project. The use of a bonding agent, such as SureBond, with Patch & Rub will increase the bond strength to the substrate, and will assist in decreasing color variations by sealing the surface. Do not add extra bonding agent to Patch & Rub PM. Do not install if temperatures are expected to drop below 45 degrees Fahrenheit, or if rain/sleet/snow are expected within 24 hours. Do not install Patch & Rub over cracks or joints. For crack repair, contact Kaufman Products for the proper recommendations regarding the SurePox line of epoxy resin adhesives. If paints, coatings, or sealers are to be used, a mock-up should be done in advance for aesthetic purposes. Read Safety Data Sheet before using.

Technical Information

Test results were achieved under laboratory conditions. Statistical variations will occur based upon mixing methods, temperature & humidity, test methodology, site conditions, curing conditions, application methods, and equipment.

For professional use only. Not for sale to or use by the general public.

LIMITED WARRANTY We warrant our products to be of good quality and will replace material proved defective. Satisfactory results depend not only upon quality products, but also upon many factors beyond our control. Therefore, except for such replacement, Kaufman Products, Inc makes no warranty or guarantee, expressed or implied, including warranties of fitness or merchantability, respecting its products, and Kaufman Products, Inc shall have no other liability with respect hereto. User shall determine the suitability of the product or the intended use and assume all risks and liability in connection thereto. Our salespeople, distributors and their salespeople have no authority to change the printed recommendations concerning the use of our products.