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MANUFACTURERS OF HIGH PERFORMANCE EPOXY & POLYURETHANE FLOORING SYSTEMS

POLYBOND 5000 GEL PATCH
FLEXIBLE, LOW CTE, SHOCK RESISTANT EPOXY

DESCRIPTION

Polybond 5000 Gel Patch is a flexible, non-abrasive filled 100% solids epoxy system. It is excellent to patch horizontal and vertical cracks and holes. PB 5000 GP is used as an underlayment for tile, ceramics, and marble as well as wood concrete, steel and many other materials. It functions as a permanent waterproofing system. PB 5000 GP is a material which exhibits low coefficient of thermal expansion and offers exceptional shock resistance. It is designed in such a way that the mix ratio is 1:1 by volume. PB 5000 GP is a room temperature cure, has excellent moisture resistance, and is also dispensable by machine and pneumatic & manual dispensing guns.

PROPERTIES - UNCURED

Table with 3 columns: Property, Part A, Part B. Rows include Color, Viscosity, Specific Gravity, Mix Ratio, Mixed Viscosity, Pot Life, and Shelf Life.

PROPERTIES - CURED

Table with 2 columns: Property, Value. Rows include Hardness, Tensile Strength, Tensile Elongation, Coefficient of Thermal Expansion, Water Absorption, Dielectric Strength, Dielectric Constant, Dissipation Factor, Volume Resistivity, Thermal Conductivity, and Temperature Class.

MIXING INSTRUCTIONS

Pre-mix Base and Hardener separately. Then measure material 1:1 by volume. Mix thoroughly scraping the sides and bottom of the container. Apply to clean surface or substrate. For small cracks, mix small amounts. For large cracks, you may mix in quartz sand in equal volume.

CURE SCHEDULE

Room temperature cure @75°F with full properties after 24 hours.