

SUPERIOR PATCH BINDER GEL - NON-SAG, 100% SOLIDS, 1:1 MIX RATIO EPOXY GEL

DESCRIPTION: SUPERIOR PATCH BINDER GEL is a two component, gel consistency, 100% solids, epoxy adhesive system designed to bond cured concrete to cured concrete. SUPERIOR PATCH BINDER GEL may also be used for bonding steel in concrete as well as many other miscellaneous construction materials.

USES: Cured concrete bonder. Adhesive for miscellaneous construction materials. Epoxy mortar for vertical and overhead patching.

ADVANTAGES: Moisture insensitive. Easy 1:1 mix ratio. 100% solids, conforms to VOC regulations. Moderate working time.

SURFACE PREPARATION: The surface must be clean and free of any dust, oil, grease, laitance, curing compounds or any other contaminants. This should be achieved by sandblasting, water blasting or some other mechanical means. New concrete surfaces may be acid etched with muriatic acid and rinsed thoroughly. Surface may be dry or damp, but must be free of standing water.

MIXING AND APPLICATION: The individual components should be mixed prior to combining them. Do not mix more material than can be used in 40 minutes. Mix thoroughly, 1 part by volume, component A with 1 part by volume of component B in a suitable clean container and mix with a low speed drill until a uniform color is obtained. The sides and bottom of the mixing container should be scraped frequently to ensure complete mixing. The Kol mixer is ideal for this operation. The receiving surface should be primed with the neat epoxy mix prior to placing the mortar mix.

LIMITATIONS: Do NOT apply when temperature is below 40°F. Do NOT apply to latex modified mortar or concrete.

CLEAN UP: Clean tools and equipment immediately with a suitable solvent such as xylene or lacquer thinner.

PACKAGING: 2 gallon units, 10 gallon units, 100 gallon units

CAUTION: For professional use only. Epoxy systems can cause delayed dermatitis. Avoid prolonged contact with skin. See Material Safety Data Sheet for proper handling and required safety equipment.

Properties at 77° F	
Mix ratio by volume	1:1
Consistency	Gel
Weight Per Gallon	11.95
Color	Part A – White, Part B - Black
Pot Life (100 Grams-neat)	35-45 Minutes
Shore Hardness (ASTM D-9940)	65-75D
Water Absorption	< 1%
Compressive Modulus (ASTM D-695)	<130,000 psi
Bond Strength (ASTM C-882)	1500 psi minimum, 14 day moist cure
ASTM C-881	Type III, Grade 3, Classes B & C
Coverage	231 cu. In./gallon
Shelf Life	1 Year