

Superior Security Sealant – Two Component, Semi-Rigid, Epoxy Sealant

DESCRIPTION: SUPERIOR SECURITY SEALANT is a 100% solids, semi-rigid, two component epoxy gel for security caulking. SUPERIOR SECURITY SEALANT may be applied in layers up to one half inch thick.

USES: Semi-rigid sealant for security areas. Filler and sealer for control joints.

ADVANTAGES: Hard and pick-resistant. Easy -to-use 1:1 by volume mix ratio. Has movement capability. 100% solids. 20% elongation. Excellent adhesion.

GRADES AND TYPES: Standard, for hand mix and application. 40 minute pot life. Rapid, for faster set time and application by meter mix or side by side cartridges with static mixer.

SURFACE PREPARATION: Area must be clean and dry. Saw-cuts shall be blown clean and dry with compressed air to remove all excess moisture and debris.

MIXING AND APPLICATION: Mix equal volumes of Part A and Part B. Mix thoroughly until the color is uniform with no streaks in evidence. Be sure to scrape the sides and bottom of the mixing pail. In joints up to 1/2 inch wide, the depth should be equal to the width. In joints wider than 1/2 inch, the depth should be maintained at 1/2 inch. The width or depth of the joint should not be less than 1/4 inch. For neat and easy application, tape both sides of joints and grooves with masking tape. Apply SUPERIOR SECURITY SEALANT with conventional caulking gun, dispensing equipment, disposable dispenser,, or by hand with a spatula. In vertical joints, tooling is necessary to eliminate air bubbles and to give a desirable concave appearance. Remove all tape and clean spills and tools immediately upon completion of installation.

LIMITATIONS: Do NOT apply when temperature is below 50°F. Do NOT apply to latex modified mortar or concrete. Should not be applied when concrete is less than 5 days old.

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

PACKAGING: 2 gallon units, 10 gallon units, 300ml x 300ml side-by-side cartridges.

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
Solids	100%
Colors	Part A White, Part B Black, Gray Mixed
Pot Life (100 Grams-neat)	Standard: 40 minutes / Rapid: 5 minutes
Viscosity	Gel
Hardness Shore A (ASTM D-2240)	75-85
Tensile Strength (ASTM – D-638)	1500 psi
Tensile Elongation (ASTM D-638)	20%
Bond Strength	>500 psi
Water Absorption	<1%
Shelf Life	2 years.