

## SPECCRETE® SB MORTAR

**PRODUCT DESCRIPTION:** Specco SB Mortar is a two component concrete repair compound formulated to provide durability, crack resistance, exceptional bonding strength and water repellency. SB Mortar may be applied from feather edge up to 2 inches thick in one application. SB Mortar may be used interior or exterior, above or below grade, on vertical or horizontal concrete and masonry surfaces. Typical uses include filling small voids or honeycombs in precast or poured in place concrete, leveling or resurfacing concrete floors, sidewalks and driveways, repairing non-moving cracks in concrete and masonry walls and to re-point mortar joints.

**BENEFITS:** EXCEPTIONAL BONDING STRENGTH...VERY DURABLE...WATER REPELLENT.

**COMPOSITION:**

SB Mortar Powder:	Portland cement, graded aggregates and chemical additives
SB Mortar Liquid:	Co-polymer latex emulsion

**TECHNICAL DATA:**

Initial set @ 75° F:	Approximately 1 hour 20 minutes		
Final set @ 75° F:	Approximately 2 hours 30 minutes		
Yield per 50# Pail	.5 cubic feet		
	<b>Compressive Strength:</b>	<b>Tensile Strength:</b>	<b>Flexural Strength:</b>
3 days:	3000 psi	190 psi	340 psi
7 days:	6500 psi	375 psi	545 psi
28 days:	8500 psi	550 psi	695 psi

**DIRECTIONS FOR USE:** All areas to be patched shall be clean and free of oil, grease, dirt, deteriorated concrete and all contaminates. Shotblast, sandblast or acid etch the area to be repaired to remove any contaminates which may interfere with the adhesion of the mortar. When temperatures are above 40 degrees F, pre-wet the prepared area with potable water before applying SB Mortar. Any excess water should be blown or swept away to prevent dilution of the material. Clean and properly prime exposed reinforcing.

Mix Specco SB Mortar with a slow speed motor and paddle mixer. Small quantities may be mixed by hand with a trowel. Pour approximately 3/4 of the liquid component into a clean container and gradually add the powder component to the liquid while the mixer is running. Add the remaining liquid as needed to achieve the desired consistency. Continue mixing for 2 minutes to ensure that the ingredients are thoroughly blended. Do not mix more SB Mortar than can be applied in 1 hour.

Apply Specco SB Mortar using a steel trowel with sufficient pressure to fill surface holes and voids and to ensure maximum bond of the SB Mortar with the substrate. A broom, float or steel trowel finish may be applied to the surface. For large areas, screed the surface level before finishing.

Control joints, expansion joints and movement cracks must be continuous through the SB Mortar application. Areas repaired with Specco SB Mortar may be opened to light foot traffic in 24 hours, and vehicular traffic in 48 hours under normal drying conditions. Cool or damp conditions will lengthen the drying time.

**CAUTIONS:** Specco SB Mortar will have a mottled appearance when cured. If this is not acceptable, use Speccopatch RS instead. Do not apply to frozen, frost filled or hot surfaces. Do not apply in freezing weather. Contains portland cement, avoid inhalation of dust. Wear gloves during the mixing and placement of material.

**PACKAGING:** 60# (27.2 kg) kit contains 50# (22.70 kg) dry powder and 1 gallon (3.78 L) poly bottle of liquid.

**STORAGE:** 40° to 90° F. Keep from freezing.



**SHELF LIFE:** 1 year properly stored

**FREIGHT CLASS:** Class 55

**LIMITED WARRANTY:** This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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