

B-20 FLEX ELASTOMERIC BONDING AGENT

PRODUCT DESCRIPTION: Specco B-20 Flex is a liquid elastomeric type polymer that may be used as a bonding agent when placing mortars, grouts, toppings, and coatings to structurally sound, clean, concrete, masonry or wood surfaces. B-20 Flex provides high flexural and impact resistance to overlays, flooring repairs, or areas exposed to high traffic or abrasion. B-20 Flex may be used for both interior and exterior applications.

BENEFITS: INCREASES TENSILE, FLEXURAL, COMPRESSIVE & ADHESIVE (BOND) STRENGTHS... IMPROVES WATER REPELLENT PROPERTIES AND RESISTANCE TO FREEZE-THAW CYCLING... REDUCES SHRINKAGE AND CRACKING...IMPROVES CURING IN WARM WEATHER...NON-YELLOWING

COMPOSITION: Acrylic based, elastomeric type bonding liquid

PHYSICAL PROPERTIES at 70° F (21°C):	APPROXIMATE VALUES:
Weight per Gallon:	8.50 +/- 0.1 lb./ gallon
pH:	7.5 +/- 0.5
Color:	Milky white emulsion
Viscosity-Brookfield:	500 cps +/- 100
Non-Volatile Solids (%):	25.0 +/- 0.5

TECHNICAL DATA: In house test data available upon request.

DIRECTIONS FOR USE: Specco B20 Flex may be used in diluted and undiluted forms. Refer to the following chart for recommended dilution rates:

Cement Coatings, Stucco, Plaster:	Dilute 1:3 with potable water
Overlays over ½ inch (Deep Patching):	Dilute 1:2 with potable water
Overlays under ½ inch (Thin Patching):	Dilute 1:1 with potable water
Toppings, Wearing Surfaces:	Use undiluted
Bonding Agent (Priming):	Use undiluted
Bonding Slurry:	Use undiluted and mix with cement and sand

Stir contents before using. Specco B-20 Flex can be used either as a primer or may also be added in place of the mixing water when preparing cement grouts, toppings, mortars, underlayments and coatings.

When using Specco B-20 Flex as a priming solution, apply to clean, dry, structurally sound surfaces only. Use Specco cleaners to remove any surface contaminants. If necessary, sandblast or scarify the surface and remove all loose debris. Approximate coverage rate is 100-150 square feet per gallon depending on absorption rate of concrete. Apply by roller, brush or broom, taking care to avoid puddling. Place topping, coating, or overlay within 2 hours of spreading the B-20 Concentrate solution for proper bond formation.

When using Specco B-20 Flex as a bonding admixture addition, dilute as shown above and add to cement mix with low speed, mechanical agitation.

CAUTIONS: Do not use Specco B-20 Flex in mixes containing early-strength cements, air-entraining cements, phosphate cements or in mixes containing air-entraining admixtures. Do not use Specco B-20 Flex in mixes containing added chlorides or on concrete slabs containing high chloride levels. Do not place mixes containing Specco B-Flex at temperatures below 50° F or when temperatures are expected to fall below 40° F. Do not apply mixes containing Specco B-20 Flex on frozen surfaces. Do not place mixes containing Specco B-Flex at temperatures above 85° F and rising. Do not apply mixes containing Specco B-20 Flex on hot surfaces. Protect mixes containing Specco B-20 R.T.U. from heat, rain, wind, condensation, and traffic for 48 hours. Do not wet or damp cure Specco B-20 Flex latex modified mixes, allow Specco B-20 Flex latex modified mixes to air cure only. Heavy traffic areas require a 3-4 day curing period before vehicle use. Keep Specco B-20 Flex from freezing. If allowed to freeze, do not use, discard the material at an approved waste facility.

WARNINGS: Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Keep away from food and drink. Do not take internally. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

H.M.I.S. CODES: HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

SHIPPING NAME: Concrete Bonding Agent – Water base - Not regulated

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55

STORAGE: Ideal storage is between 60° to 80° F. Keep from freezing.

SHELF LIFE: 1 year stored properly. Depending on storage conditions, the shelf life may be extended.

PACKAGING: 1 quart (0.94 L), 1gallon (3.78 L), 5 gallon (18.9 L), and 55 gallon (208 L) containers.

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.

Revised – 01-07