

TECHNICAL DATA SHEET



**PVA Multi Purpose
Bonding Agent.**



DESCRIPTION

SB7® Primer Bond is a synthetic resin emulsion (PVA) used as a bonding agent for mortar, rendering, and concrete on all surfaces, even in damp atmospheres. It can serve as a primer or an admixture, enhancing waterproofing, curing effects, and plasticity. **SB7® Primer Bond** is non-corrosive, non-toxic, and improves adhesion.

APPLICATIONS

SB7® Primer Bond is primarily used for:

- Bonding thin toppings on floor slabs without scabbing
- Bonding between two phases of concreting
- Repairing joint spalling
- Serving as an admixture to spatter-dash key slurry
- Repairing toppings
- Acting as an additive for mortar and grouting tiles
- Providing a thin coating on smooth concrete surfaces

PACKAGING

SB7® Primer Bond is available in 10-liter, 20-liter, and 200-liter containers.

TECHNICAL PROPERTIES & METHOD OF USE

Ensure substrates are clean, sound, and free from dust, laitance, and greasy matter. Stir **SB7® Primer Bond** thoroughly before use. Dissolve **SB7® Primer Bond** in the mixing water. Do not work below +3°C or above +40°C.

Bonding New to Old Concrete: Mix 1 part **SB7® Primer Bond** with 1 part water and 2 parts cement by weight. Apply with a brush and bond the new concrete while the slurry is still tacky.

Key Coat: Add approximately 2 kg of S.S. Bond per 50 kg of cement to the key coat. Apply uniformly and cure for 3 days.

Plaster, Mortar, and Grout: Create a conventional dry mix using screened and clean sand. Incorporate **SB7® Primer Bond** at a ratio of 4% to 12% of the cement weight.

TECHNICAL PROPERTIES

Appearance: White liquid

Specific Gravity: 1.085 ± 0.025

STORAGE

Store in a dry area out of direct sunlight between 5°C and 35°C.

SHELF LIFE

SB7® Primer Bond has a shelf life of 6 months from the date of manufacture when stored under proper conditions in unopened drums. If conditions are exceeded, contact the **SMARTSTONE®** Technical Department for advice. Mix or shake well before use.

CAUTIONS: HEALTH AND SAFETY

SB7® Primer Bond is not classified as hazardous. In case of accidental splashes to the eyes, rinse with clean water and seek medical advice. Wear suitable protective gloves and goggles. Refer to the Material Safety Data Sheet for further information. **SB7® Primer Bond** is non-flammable.

DISCLAIMER

While the company guarantees its products against defects, the conditions of their use are beyond its control. Always verify with the company that the product is suitable for the intended use and that this Data Sheet is the most current version. The company reserves the right to modify it without prior notice. Technical characteristics are for guidance only.

For more information, please contact the company's office in your location.

FOR TECHNICAL SERVICES

VELOCITY® green energy, LLC.
P.O. Box 16506, Irvine CA 92623, United States
Contact us at: **(949) 468-2742**
(888) 508-6191



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End of Technical Data Sheet