

BORDER BOND™	CONCRETE AND PLASTER ADHESIVE
DESCRIPTION	BORDER BOND is a high-solids latex emulsion of specially modified acetate resin developed for portland cement reinforcement and as a bonding aid for applying plaster and new concrete patches on concrete surfaces. BORDER BOND may be used on green concrete and will bond plaster directly to masonry foundations, concrete, wood, cinder blocks, brick and asphalt. BORDER BOND does not contain toxic solvents. It is safe to use and is VOC-compliant.
COVERAGE	300 ft ² /gallon (7.35m ² /liter) or 600 ft ² /gallon (14.72 m ² /liter) in a 1:1 dilution.
FEATURES/BENEFITS	<ul style="list-style-type: none"> •Greatly improves abrasion, impact and corrosion resistance •Freeze/thaw resistance of BORDER BOND -modified concrete mixes is enhanced •Reduces premature drying; greater water retention allows better hydration and higher concrete strengths •Improves adhesion: mortars and concretes containing this admixture exhibit greatly improved adhesion to prepared substrates •Reduces cracking and shrinkage due to reduction in bond stress and modulus of elasticity
APPLICATION	<p>SURFACE PREPARATION: Specific mixing proportions for these various BORDER BOND mixes are listed on the container. All cautions, mixing and application information and directions furnished on container labels should be read and followed. All surfaces to which BORDER BOND bonding grout and / or topping is to be applied must be structurally sound, clean and free of grease, oil, dust, dirt, curing and release compounds and other foreign contaminants. All loose and unsound concrete must be removed. After cleaning, the concrete should be etched with a 1:1 muriatic acid solution and then thoroughly rinsed with water. Pre-soak all surfaces with water prior to applying the bonding grout. Remove all puddles and free water.</p> <p>MIXING: For normal mixing, dry blend the portland cement and sand. Mix the BORDER BOND and water together, add the cement-sand mix and then mechanically blend the complete mix thoroughly. The quantity of water should be determined by a trial mix where only 50% of the water is first added to the BORDER BOND before adding to the sand-cement mix. After thorough preliminary mixing, add increments of additional water until the desired consistency is obtained. BORDER BOND as a Concrete Admixture: For concrete that has a high degree of resiliency and higher tensile strength, dilute the BORDER BOND with a portion of the normal water requirement before adding to the blended portland cement aggregate mixture. Use 1 gallon (3.79 liters) minimum and 2 gallons (7.75 liters) maximum of BORDER BOND for every 94 pound (42.64 kg) bag of cement. For ready mix, use 1 quart (.94 liters) per 90 pound (40.82 kg) bag. The following is a typical mix design:</p>

<p>APPLICATION CONT.</p>	<p>Portland cement - 94lbs. (42.64 kg) (1 bag) Type II or Type III. Sand - 2 1/2 cubic feet (0.7m³) (18.75 gallons) (70.98 liters). Gravel - 2 cubic feet (.06m³). BORDER BOND- 3 gallons (11.36 liters) (Dilute with portion of water requirement). Water - as required.</p> <p>BORDER BOND as a Plaster Adhesive and Admixture: The old masonry surfaces should be cleaned of all grease, oil and foreign matter with detergent or solvents. Detergents must be flushed away with clean water. A completely dried coating of adhesive must be recoated with BORDER BOND before applying plaster.</p> <p>To reinforce and improve the physical properties of the plaster mix, 12 gallons (45.43 liters) of diluted BORDER BOND emulsion [1/2 to 1 gallon (1.89 - 3.79 liters) of BORDER BOND diluted to 12 gallons (45.43 liters) with water]. Apply evenly with roller, brush or spray. Allow 45 minutes or more drying time before applying water thinnable paint. If oil paint is used, allow the BORDER BOND to dry thoroughly, preferable several hours.</p> <p>CLEANUP: Use soap and water to clean tools and equipment.</p>
<p>PRECAUTIONS</p>	<p>BORDER BOND freezes at temperatures below 30°F (-1°C) and should not be stored in cold areas. Do not store at temperatures above 90°F (32°C) for prolonged periods.</p>

Border Construction Specialties warrants that, at the time and place we make shipment, our materials will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. THE FOREGOING WARRANTY SHALL BE EXCLUSIVE AND IN LIEU OF ANY OTHER WARRANTY, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OR MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ALL OTHER WARRANTIES OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM OF TRADE OR OTHERWISE. As the exclusive remedy for breach of this Warranty, we will replace defective materials, provided, however, that the buyer examine the materials we received and promptly notify us in writing of any defect before the materials are used or incorporated into a structure. Three (3) months after Border Construction Specialties has shipped the materials, all our Warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates, and no action for breach of any such duties may thereafter be commenced. Border Construction Specialties shall in no event be liable for consequential damages. Unless otherwise agreed to in writing, no warranty is made with respect to materials not manufactured by Border Construction Specialties. We cannot warranty or in any way guarantee any particular method of use or application for the performance materials under any particular condition. Neither this Warranty nor our liability may be extended or amended by our salesmen, distributors or representatives, or by our distributor's representatives, or by any sales information or drawings