



PRODUCTS, INC.

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**EPOXY & FIBERGLASS FLOORING, SEAMLESS FIBERGLASS WALL SYSTEMS, SEALERS,
HIGH PERFORMANCE COATING SYSTEMS, AND INDUSTRIAL CLEANERS**

SYSTEM BULLETIN **CHEMSHIELD WALL SYSTEM**

DESCRIPTION: The CHEMSHIELD SYSTEM consists of a POLYESTER or VINYL ESTER RESIN BLOCK FILLER reinforced with interlocking ceramic fibers/needles which is applied as a first coat to fill and smooth new construction block faces. Two topcoats of the appropriate ceramic polymer coating to provide the final appearance and chemical resistance for the wall then follow this. The block filler/primer is reinforced with ceramic composite fillers which significantly improve impact resistance and flexural strength when compared to typical fillers. CHEMSHIELD is available utilizing FDA approved resins (for indirect food contact) and is suitable for most dairy needs and as a general-purpose chemical exposure wall system to provide a high level of chemical resistance against fumes and chemical splashes. A wide variety of colors are available.

USE: CHEMSHIELD should be chosen when the greater heat resistance and impact resistance is required vs unreinforced coating materials. Depending on the polymer chosen, excellent chemical resistance to a variety of materials is available making CHEMSHIELD an excellent choice for walls in meat, dairy or other food production facilities, chemical production or loading areas, pits for water or chemical containment, and clean room environments for hospitals, electronics production, or biologic areas. Frequently, when additional impact resistance is critical the FABRILON SYSTEM is installed on the lower portion of the wall and the CHEMSHIELD SYSTEM above it where impact is not a consideration.

APPLICATION: For rough block it is recommended that the surface be rubbed with a mason stone (or by other means) have all masonry points and sharp ridges removed or reduced. Mix and apply the block filler portion taking care to fill all voids. Once the block filler is set, mix and apply each coat of CHEMSHIELD FILLER as you would a thickened paint or plaster. The final coat provides a smoothed surface. This surface can be put into full use 24 hours after the final application.

NOTE : TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER C.D. PRODUCTS INC. ASSUMES NO LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. THE FINAL DETERMINATION OF SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER. ALL MATERIALS MAY PRESENT UNKNOWN HEALTH HAZARDS AND SHOULD BE USED WITH CAUTION. ALTHOUGH CERTAIN HAZARDS ARE DESCRIBED HEREIN, WE CANNOT GUARANTEE THAT THESE ARE THE ONLY HAZARDS, WHICH EXIST.