

MIRA-MENT™ Concrete Patching Cement

PRODUCT DESCRIPTION:

MIRA-MENT™ Concrete Patching Cement is a cementitious patching material formulated to bond to most concrete or masonry surfaces for general-purpose repair applications. It is a mixture of Portland cement, special hardeners, and set accelerators which provides a quicker set time. It needs only to be mixed with appropriate portions of water. Initial set is obtained in about 15 minutes, with a hard set in approximately 40 minutes. **MIRA-MENT™** will bear traffic within one hour of application. Its non-shrink composition prevents your patch from pulling away from your work as it dries.

PURPOSE:

MIRA-MENT™ is a general-purpose concrete patching compound intended to be used to repair precast concrete products, large floor cracks, walls, columns, concrete blocks, steps, curbs, sidewalks, and driveways. It sets up hard and is able to withstand an excess of 3000 psi within 24 hours of application. **MIRA-MENT™** is ideal for vertical and overhead applications due to its "putty-like" consistency, allowing you up to 15 minutes for shaping or molding your patch. It may be shaved or sanded with ordinary masonry tools.

SATISFIES INDUSTRY STANDARDS:

MIRA-MENT™ Concrete Patching Cement meets all industry standards for practical applications, including industrial, commercial, construction, and residential use. All tests for compressive strength and setting times have been established in conformance with ASTM-C109 and ASTM-C266, respectively.

COMPRESSIVE STRENGTH		
1 day	—	3,000 psi
3 days	—	5,100 psi
28 days	—	6,500 psi

PACKAGING:

MIRA-MENT™ Concrete Patching Cement is available in 50-lb. multi-wall bags and is shipped in skid lots of fifty (50) bags per pallet. It is also packaged in convenient 10-lb. plastic pails, with handles and a re-sealable locking lid. Bags and pails have graphic labels affixed, ready for retail display.

LIMITATIONS:

DO NOT add other cements or additives to this product, with the exception of a bonding agent or pea gravel, as previously outlined. Store in cool, dry area on skids, away from moisture and all outside elements. Shelf life of this material is approximately one full year.

WARNING:

This is a cementitious product, which may cause some skin and/or eye irritation. The use of long sleeves, long pants and rubber gloves is strongly recommended when handling this product. Avoid contact with eyes and prolonged exposure to dust particles in the air. Protective goggles may be appropriate. If eye contact occurs, flush eyes thoroughly with clear water. Keep product out of reach of children. If ingested, call a physician immediately. For additional information, see the Material Safety Data Sheet (MSDS) for this product.

TECHNICAL ASSISTANCE:

If more information is required regarding the use of this product, please call BLACKTHORN, INC. at (937)836-9296, or you may FAX us at (937)836-9395.

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MIRA-MENT™ Concrete Patching Cement (continued)

APPLICATION:

All dirt, grease, oil, and industrial coatings should be removed from surfaces that will come into contact with the patching material. Remove all loose concrete until a firm substrate is exposed. Optimum results will be obtained on horizontal patches by saw-cutting the area to be patched. A uniform depth and firm bonding area should be provided prior to patching. Repair all hairline cracks by chiseling an enlarged groove that is at least ¾" in depth, in order to correctly accept your patch.

All surfaces to be patched **MUST BE** thoroughly wet by soaking area with clear water for at least 15 minutes

just prior to patching. Surfaces should be free of all loose particles and all standing water must be removed. A liquid bonding agent, preferably SED-N-BOND™ Agent/Admixture, is highly recommended for maximum performance. A light slurry coat of **MIRA-MENT™** may be used to ensure proper adhesion, especially if your patch will be less than 1" thick.

- Mix only as much cement as can be placed easily within a 10-minute period. A metal wheelbarrow, large metal pan, or a large pail may be used to mix patching material.
- Mix up to 5 quarts of clean water with each 50-lb. bag of mix. Never exceed more than 6 quarts of water for each 50-lb. bag. Add **MIRA-MENT™** directly to your water and mix thoroughly for 2 to 3 minutes, until a "putty-like" consistency is obtained.
- Apply mix directly and firmly to the prepared area that you wish to patch. You may apply more patching material than is actually required, allowing you to form and shape the patch within the initial setting time (approximately 15 minutes). After your patch has reached surface-hardness, you may shave patch to its desired shape with a steel trowel. **DO NOT** add any aggregate to your mix, as this will prevent you from final shaping as your patch sets.
- The less that you handle **MIRA-MENT™** mix, the better! Application and final shaping **MUST BE COMPLETED** before the final set is attained. **DO NOT** add any water or attempt to re-temper your mix. Do not allow excess materials to overlap your patch area. Your finished patch should be smooth and level with the surrounding concrete surface. **MIRA-MENT™** may be rubbed or "textured" by using a wet sponge on the surface before the initial set takes affect.
- Allow for adequate curing time. Your patch strength and overall performance will suffer if sufficient curing time is not provided. For optimum results, the addition of a bonding agent, preferably SED-N-BOND™ Agent/Admixture, is suggested to aid the curing process. For critical applications, you may substitute as much as 1 - 3 quarts of SED-N-BOND™ with your mix water for every 50-lb. bag of **MIRA-MENT™** mix. For large patches (over 1½" thick), you may add up to 25 lbs. of clean, dry pea gravel to each 50-lb. bag of **MIRA-MENT™ Patching Cement** used.

YIELD: Approximately ½ cubic foot per 50-lb. bag of mix

WARRANTY

BLACKTHORN, INC., in conjunction with SEDDON, will refund the price paid for this product OR choose to replace this product, at its own discretion, if it finds any such product to be defective. Such a refund or replacement will be honored **ONLY** if it is determined that the product was used properly. With the exception of the above statements for refund or replacement, the company makes no claim or warranty of merchantability and no warranty of fitness for one particular purpose. We make no warranty, expressed or implied, of any nature whatsoever with respect to this specific product or the use thereof of this product by any illustration or instructions or limitations. In no event will the company be held liable for loss of use for any direct, special or inconsequential damages incurred or for any charges or expenses of any nature, without the specific written consent from this company, obtained prior to the use of this product. The statements made above comprise the fullest extent of any and all responsibility that this company will bear, for and in reference to this product, even if some oversight or negligence by the company has been ascertained.