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TECHNICAL BULLETIN

Subject: OnePass® Precautions for Magnesium Oxide Board and general drywall applications.

Magnesium Oxide Board is a mineral based board that is generally not faced with paper and has a high moisture absorption rate. When OnePass is applied over magnesium oxide board, it may stiffen more rapidly due to the loss of moisture into the board. The strength may also be reduced if the water is lost before it can fully hydrate the cement.

Pre-wetting the board with a damp sponge or water spray may reduce the rapid drying due to water absorption and improve the hydration of OnePass.

Magnesium oxide boards must be properly installed per the specifications to allow minimum movement at the joints. Excessive movement at the joints may result in cracking of the OnePass. Mesh tape may act to reinforce the OnePass, stabilize the boards and minimize cracking but must not be used as a substitute for proper installation. If the boards are not tightly butted at the joint, care must be taken to properly fill the gap with OnePass. Pre-wetting is often required as excess absorption may occur due to the additional surface area of the interior of each board.

Due to its very low shrinkage, OnePass can often be applied in one coat and built up to 1" thick. If multiple coats are required: allow the first coat to cure a minimum of 45 minutes, pre-wet with a damp sponge or water spray, and apply a second coat of OnePass as described in the product datasheet.

OnePass® Technical Bulletin 10/30/14. For updated information please visit www.ctscement.com or contact your technical representative at 800-929-3030.