

Effect of Capping Technique on Observed Compressive Strength of Facing Brick

L. K. Crouch¹, James F. Brogdon², R. Craig Hemderson³, and Darrell Lanham⁴

Abstract:

Compressive strength testing is one of the most commonly performed tests on masonry. Surface roughness and irregularities on masonry units, however, often results in compressive strength results that are lower than the true material property. The research described in this paper attempted to determine the effectiveness of various capping techniques for facing brick and explored the possibility of an unbonded capping system. Conclusions were that an unbonded capping system is not appropriate and that high-strength gypsum is the best capping material.

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¹ Associate Professor of Civil and Environmental Engineering, Tennessee Technological University, Cookeville, TN.

² Graduate Student, Civil and Environmental Engineering, Tennessee Technological University, Cookeville, TN.

³ Associate Professor of Civil and Environmental Engineering, Tennessee Technological University, Cookeville, TN.

⁴ Executive Director, Masonry Institute of Tennessee, Nashville, TN (deceased).