



## Masonry; A Short Text-Book on Masonry Construction

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By Malverd Abijah Howe

Rarebooksclub.com, United States, 2012. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.This historic book may have numerous typos and missing text. Purchasers can download a free scanned copy of the original book (without typos) from the publisher. Not indexed. Not illustrated. 1915 Excerpt: .of the Tests of Metals, etc., which show that the mortar is the governing factor. The brick piers were 12 inches square and 8 feet high, and the crushing strengths varied from a few hundred pounds per square inch for common brick laid in lime mortar to nearly 5,000 pounds per square inch for hard brick laid in neat cement. The following safe compressive strengths for brick-work are given in the American Civil Engineers Pocket Book, Mansfield Merriman, Editor-in-Chief. COMMON BRICK HAVING A COMPRESSIVE STRENGTH OF 1,800 POUNDS I PER SQUARE INCH When laid in Portland cement mortar 175 lbs. per sq. in. When laid in natural cement mortar 150 When laid in lime and cement mortar 125 When laid in lime mortar 100 SELECT HARD COMMON BRICK HAVING A COMPRESSIVE STRENGTH OP 2,500 POUNDS PER SQUARE INCH When laid in 1: 3 Portland cement mortar...



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