

Allowable Axial Compressive Stress in Masonry: A Simplified Procedure

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Abstract:

Determination of allowable loads in compression is a key computational component in structural design. In comparison to computation of allowable loads in tension, computation of allowable loads in compression usually is a time consuming procedure. Regardless of the column material, the allowable compressive load depends on the slenderness ratio of the column. This paper presents tables that result in a simplified procedure for computing allowable compressive loads in masonry compression members.

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