

Mechanical Properties of Masonry Walls

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Abstract:

This Paper provides tables and equations for bed area, moment of inertia, and section modulus of single-wythe, hollow concrete masonry, hollow clay brick masonry, and solid masonry. The paper also provides tables of transformed section properties for composite masonry, having a wythe of hollow masonry units, a solidly filled collar joint, and a wythe of hollow masonry units, a solidly filled collar joint, and a wythe of solid masonry.

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