

Lab 1-Construction of Masonry Wall and Prisms

Lab

Masonry Wall

Initial Rate of Absorption

Mixing Mortar

Mortar Workability

Mortar Air Content

Prism Construction

Extras

Lab Handout

Sample Lab Report

Photos

Extra Resources:

ASTM C67 Standard Test Methods for Sampling and Testing Brick and Structural Clay Tile

ASTM C91 Standard Specification for Masonry Cement

ASTM C109 Hydraulic Cements for Mortar

ASTM C231 Standard Test Method for Air Content of Freshly Mixed Concrete by the Pressure Method

ASTM C270 Standard Specification for Mortar for Unit Masonry

ASTM C1437 Standard Test Method for Flow of Hydraulic Cement Mortar

| Lab Equipment and Materials | | | | | | | | |
|-----------------------------|------|-----------------------|------|-----|------|-----|--|--|
| Extra Resources | | | | | | | | |
| <u>Lab Worksheet</u> | | | | | | | | |
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