

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

Lab Equipment and Materials



General description:

Air content is measured by a pressure meter method. Air content in mortar affects compressive strength, bond strength and workability of the mortar. Limits imposed on the percent air by volume of mortar are a maximum of 12% for portland-cement lime mortars and 18% for masonry cement mortars.

MSJC - Masonry Standard Joint Committee

Extra Resources							
<u>Lab Worksheet</u>							
	<u>Home</u>	University of Wyoming	<u>RMMI</u>	<u>PCA</u>	<u>NCMA</u>	<u>TMS</u>	_