

REPORT OF MORTAR MIX DESIGN

MORTAR TYPE: S Property

MIX DESIGNATION: TCC BOM 101013, 101455

RECOMMENDED LOCATION: Exterior, Above Grade or Below Grade

BUILDING SEGMENT: Refer to ASTM C 270

MATERIALS:

Portland Cement	ASTM C 150, TYPE I
Hydrated Lime	ASTM C 207, TYPE S
Natural Sand	ASTM C 144

MORTAR PROPERTIES:		ASTM C 270 Requirements:
Compressive Strength	2480 psi	1,800 psi average at 28 days
Water Retention	92%	75% minimum
Air Content	4.10%	12% maximum
Aggregate Ratio	3.01	2¼ to 3½

TESTING FACILITY: Cemstone Companies Materials Laboratory

Date: 8-Jan-09

LAB ID: T081209C

- NOTES:**
- This mortar meets the property requirements for Type S masonry mortar as defined in Specification C 270.
 - Field sampling and testing of mortar is conducted under Test Method C 780 and is used to verify consistency of the materials and procedures, not mortar strength. ACI 530.1 - 92/ASCE 6-92/TMS 602-92

Reviewed By:

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