

OKLAHOMA TESTING LABORATORIES

REGISTERED PROFESSIONAL ENGINEERS—CHEMISTS

Oklahoma City, Okla. 73146

April 2, 1992



310 NORTH KLEIN
P.O. DRAWER 60266
PHONES: 232-5211
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Laboratory No. 3084Account No. 3652REPORT ON MASONRY MORTARReceived 3-5-92 From Simpson, OTLReported to Kellert IndustriesProject Misc.Contractor Same Quantity 1Identification Type M Mortar with Kel-Crete

Source _____

Tested for Shear Strength (@ 90° loading) Spec. _____

Cylinder No.	1	2	3
Date cast		3-5-92	
Date tested		4-2-92	
Age, days		28	
Nominal size, inches		2 x 4	
Diameter, inches		2	
Area, sq. in		3.14	
Load to failure, lbs	1360	1200	1175
Shear Strength, PSI	435	380	375

Shear tests were made on mortar specimens molded in 2" x 4" cylindrical molds. The cylinders were made and cured in accordance with ASTM C192. The shear tests were made using a steel fixture consisting of two sections that would slide by each other with two inch diameter holes to hold the test specimens. The mix design was as shown below.

	FD.
Type I Portland cement	1
Masonry sand, parts	2.75
Kel-Crete, oz./sack of cement	2
Flow, percent	112

REMARKS:

CC: 3-Kellert Industries
1-file
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(Original Signed by) _____

M. A. Witte _____