

COMPRESSIVE STRENGTH REPORT

Project Name: MUD SLIDE TEST
Project Number: 08CTUNI1901Q
Project Location: CHATTANOOGA, TN
Client: UNIFIED CHEMICAL

Field Test Conditions and Results

Placement Location: MUD SLIDE TEST

Sample Location:

Sampled By: C.FOWLER
Contractor: UNIFIED CHEMICAL
Supplier: USA
Truck/Ticket: 124 / 755842
Batch Time: 1:30
Time in Mixer: minutes
Mix Number: WITHOUT MIXTURE
Concrete Temp: 98 °F
Weather: SUNNY/94F

Sample Date/Time: 9/8/2008 /
Composite Sampling (Y/N):
Set Number: 1
Slump: 4.00 in
Entrained Air: 1.0 %
Unit Weight: lbs/cu ft
Design Strength (28 days): 3000 psi
Water Added On-Site: 8 gal
Sample Batch Size: cu yds
Cumulative Batch Size: cu yds
Total Batch Size: cu yds

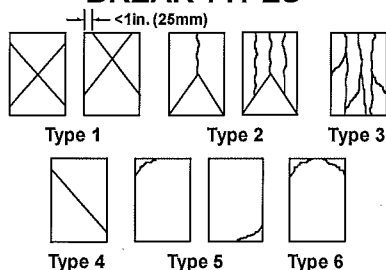
Specimen Size: 4" x 8"
Specimen Type: CYLINDERS

Remarks:

Laboratory Test Results

Specimen Number	Age (days)	Test Date	Load (lbs)	Diameter (in)	Area (in ²)	Strength (psi)	Design (%)	Break Type*	Cylinder Weight
2447	7	9/15/08	31170	4.00	12.57	2480		3	8.84
2448	14	9/22/08	47320	4.00	12.57	3770		3	8.76
2449	28	10/6/08	48150	4.00	12.57	3830	128%	2	8.79

BREAK TYPES*



Reported by:

Joshua Carroll
 Joshua Carroll
 CMT Manager

Note: Tests performed as required by the following ASTM Standards: C31, C39, C42, C78, C109, C138, C143, C172, C1019, C1064, C1231

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Sample Location:

Sampled By: C.FOWLER
Contractor: UNIFIED CHEMICAL
Supplier: USA
Truck/Ticket: 124 / 755842
Batch Time: 1:30
Time in Mixer: minutes
Mix Number: WITH MIXTURE
Concrete Temp: 98 °F
Weather: SUNNY/94F

Sample Date/Time: 9/8/2008 /
Composite Sampling (Y/N):
Set Number: 2
Slump: 4.00 in
Entrained Air: 1.5 %
Unit Weight: lbs/cu ft
Design Strength (28 days): 3000 psi
Water Added On-Site: 8 gal
Sample Batch Size: cu yds
Cumulative Batch Size: cu yds
Total Batch Size: cu yds

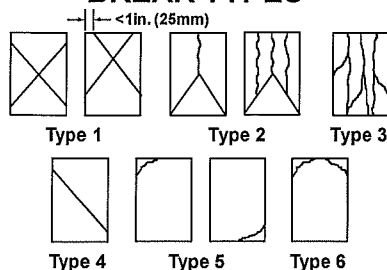
Specimen Size: 4" x 8"
Specimen Type: CYLINDERS

Remarks:

Laboratory Test Results

Specimen Number	Age (days)	Test Date	Load (lbs)	Diameter (in)	Area (in ²)	Strength (psi)	Design (%)	Break Type*	Cylinder Weight
2450	7	9/15/08	37430	4.00	12.57	2980		6	8.82
2451	14	9/22/08	42020	4.00	12.57	3340		1	8.78
2452	28	10/6/08	49060	4.00	12.57	3900	130%	1	8.74

BREAK TYPES*



Reported by:


 Joshua Carroll
 CMT Manager

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