



# Report of Grout Compressive Strength

ASTM C109

**Project Name:** PORTLAND - OCEAN GATEWAY TERMINAL - MATERIALS TESTING **Project Number:** 05-0134

**Client:** REED & REED, INC.

**Client Contract Number:**

**General Contractor:**

**Supplier:**

## PLACEMENT INFORMATION

**Date Cast:** 7/26/2006 **Time Cast:** **Date Received:** 7/27/2006

**Placement Location:** TERMINAL BUILDING -- PRECAST SLAB KEYWAY

**Placement Method:**

**Placement Vol. (yd<sup>3</sup>):**

**Cylinders Made By:** DMR

**Aggregate Size (in):** 3/4

## INITIAL CURING CONDITIONS

### Temperatures

**Minimum (°F)** **Maximum (°F)**

## DELIVERY INFORMATION

**Admixtures:**

## TEST RESULTS

**Slump (in) (C-143):**

**Batch Number:**

**Air Temp (°F):**

**Mixer Number:**

**Grout Temp (°F) (C-1064):**

**Ticket Number:**

**Design (psi):**

Cube Designation	Area(In) <sup>2</sup>	Date Of Test	Age (days)	Load (kips)	Strength (psi)
561-18A	4.00	8/2/2006	7	18.4	4600
561-18B	4.00	8/2/2006	7	18.3	4580
561-18C	4.00	8/2/2006	7	19.3	4840
561-18D		8/23/2006	28		
561-18E		8/23/2006	28		
561-18F		8/23/2006	28		

Remarks: