



FRITZ-PAK AIR PLUS

TEST DATA

Location: Ideal Concrete, Houston, TX

Design Requirements: 3000 psi 28 days, with increased entrained air content.

MIX DESIGN (per cubic yard)		Control	AIR PLUS
Cement Type I Box Crow		355 lbs	355 lbs
Class C Fly Ash		115 lbs	115 lbs
Fine Aggregate		1270 lbs	1270 lbs
Coarse Aggregate		1950 lbs	1950 lbs
Admixtures	Normal W/R	2.5 oz./cwt	2.5 oz./cwt
	AEA	3 oz./yd ³	3 oz./yd ³
Water-Cement Ratio		0.51	0.51

TEST DATA:	Control	AIR PLUS
Slump, inches	5.5"	6.0"
Air, %	2.5%	4.5%
Unit Weight, lb/ft ³	147.6 lb/ft ³	142.9 lb/ft ³
Air Temp., °F	82 °F	82 °F
Conc. Temp., °F	86 °F	89 °F

Four yards of concrete were batched out. Control readings were taken immediately after batching. AIR PLUS was added and mixed for 7 minutes, then AIR PLUS readings were taken and samples made. Mixing was continued and thirty minutes after addition of AIR PLUS, air content was 4.0%.

Age	Compressive Strength, psi
3 day	2760
7 day	3070
28 day	4420

Note: Cylinders were tested according to ASTM C-39 by Ideal Concrete Lab. Compressive strength results are averages of two or more breaks.

Fritz-Pak Corporation
 11220 Grader Street, Suite 600
 Dallas, Texas 75238, USA
 Tel: 214-221-9494
 Fax: 214-349-3182
 Toll Free: 1-888-746-4116
www.fritzpak.com