



FRITZ-PAK NS-7

Non-Shrink Grout Fluidifier

TEST DATA

	CONTROL	FRITZ-PAK NS-7	FRITZ-PAK NS-7	LEADING BRAND
Fine Grout Testing				
Dosage Rate, % bwc	0.00%	1.00%		1.00%
Expansion, % @ 3 hours	-0.99%	6.63%		5.92%
Bleeding, % @ 3 hours	4.70%	2.88%		7.04%
Final Bleeding, %	5.20%	3.00%		7.16%
Flow, seconds	19.54	21.17		21.61
Water Reduction, %	0.00%	9.98%		0.00%
28 Day Comp. Strength, psi	2675	3138		2247
% of Control	100%	117%		84%
Coarse Grout Testing				
Dosage Rate, % bwc	0.00%	0.99%	0.99%	1.06%
Cement, lb./yd ³	564	564	564	564
Total Water, gal./yd ³	47.2	41.7	41.0	46.4
W/C	0.697	0.616	0.606	0.685
Slump, inches	8.00	9.00	8.25	9.00
Unit Weight, lb/ft ³	142.0	136.6	140.0	131.4
Air Content, %	2.50%	5.00%	5.50%	9.60
Ambient Temp., °F	61	72	72	72
Conc. Temp., °F	67	74	74	75
Water Reduction, %	0.00%	11.65%	13.14%	1.69%
Compressive Strength, psi				
7 day	3200	3875	4033	2820
28 day	4633	5130	5090	3355
Flexural Strength, psi				
7 day	550	605	545	430
28 day	705	705	680	515
Length Change, %	0.075%		0.083%	
Water Absorption, %				
After Immersion	6.8%		5.5%	
After Immersion & Boiling	7.1		5.7%	
Corrosion Potential	None		None	

Note: Strength specimens were tested in accordance with ASTM C-39 and ASTM C-78. Expansion and bleeding were determined in accordance with ASTM C-040. All strength results are averages of two or more test specimens.

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