



SLICK-PAK & SLICK-PAK II

Effects on Concrete Test Results

TEST DATA

Location: Mesquite, Texas
Design Requirements: 4000 psi 28 days.

MIX DESIGN (per Cubic Yard)	Control	SLICK-PAK	SLICK-PAK II
Cement Lone Star Type I, lbs	564 lbs	564 lbs	564 lbs
Fine Aggregate, lbs	1259 lbs	1259 lbs	1259 lbs
¾" Coarse Aggregate, lbs	1739 lbs	1739 lbs	1739 lbs
Admixtures	SLICK-PAK	0	2 oz.
	SLICK-PAK II	0	0
Water-Cement Ratio	0.50	0.50	0.50

Test Data	Control	SLICK-PAK	SLICK-PAK II
Slump, inches	4"	4.5"	4.25"
Air, %	5.6%	5.6%	5.7%
Air Temp., °F	75 °F	77 °F	75 °F
Concrete Temp., °F	76 °F	76 °F	76 °F
Misc. Data: Initial Set (hours:mins)	3:13	3:18	3:16

Compressive Strength, psi			
Age	Control	SLICK-PAK	SLICK-PAK II
24 Hours	1500	1580	1510
3 Days	2290	2470	2600
7 Days	2860	3130	3120
28 Days	4290	4570	4520

Conclusion: The addition of Slick-Pak pump primer and pumping aid or Slick-Pak II pumping aid as an integral pumping aid has no detrimental effects on the workability, entrained air content, setting time or compressive strength of the concrete.

Note: Cylinders were tested according to ASTM C-39 by Fritz Industries R&D. Compressive strength results are averages of two or more breaks.

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