## **Engineering Information**

## Estimating Qualities of Cement, Fine Aggregate 100 Cu, feet compact assumption-voids in sand 40% broken

The same core	Engineering Information				
2 3	ESTIMATING QUALITIES OF CEMENT, FINE AGGREGATE				
94	100 Cu. feet Com				
19			Wat	tes and dividing	
	Nominal mix Cement Fine Aggregate Coarse Aggregate	eren and the star Tab reserve sieve size mumise garegate 3/4*	Water/ Cement Radio (by weight) for Minimum Consistency	In Gallons per bag	
	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	N5 106 45 228 P	.25 .28 .30 .35 .40 .53 .70	2.8 3.1 3.3 3.9 4.4 5.9 7.8	
Aleman XX	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	- 2 3 3 1/2 2 3	.90 .30 .42 .48 .42 .50	10.0 3.3 4.7 5.3 4.7 5.5	
313	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	3 1/2 4 3 1/2 3 1/2 4	.53 .55 .55 .57 .60	5.9 6.1 6.1 6.3 6.6	
Alama Hy	$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	4 5 4 5 6 8	.60 .65 .65 .69 .75 .95	0.0 7.2 7.2 7.7 8.3 10.5	

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South Hard (H. T)

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## **Engineering Information**

China Turbalen Online (H. T.)

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	rete. <sup>1</sup> Stone 45% Sand Dry Cu. ft. 69.0 84.0 94.0	THTES GATE REQUIRE specific Gravity of C Fine Aggregate Sand moist (Bulking) 20% Cu. ft 82.8 101.0 113.0	
Cement in Bags 07.5 46.5 39.5	Sand Dry Cu. ft. 69.0 84.0 94.0	Sand moist (Bulking) 20% Cu. ft. 82.8 101.0	Age: (Broken Stone)
Cement in Bags 07.5 46.5 39.5	Sand Dry Cu. ft. 69.0 84.0 94.0	moist (Bulking) 20% Cu. ft. 82.8 101.0	Age: (Broken Stone)
46.5 39.5	84.0 94.0	101.0	17.5q.P.1 Dis 25.5q.P.1 Thi
29.0 22.8 16.3 12.7 31.9 22.9 20.6 24.5 19.0 17.75 18.25 19.0 17.75 18.25 16.5 14.7 15.35	$\begin{array}{c} 100.0\\ 105.0\\ 110.0\\ 118.0\\ 122.0\\ 38.4\\ 41.2\\ 41.2\\ 59.2\\ 49.2\\ 46.1\\ 42.7\\ 49.3\\ 52.6\\ 49.5\\ 44.0\\ 52.2\\ 49.6\\ \end{array}$	120.0 126.0 132.0	

1. For gravel aggregate decrease cement by 5% fine aggregate by 2 cu. ft. se aggregate in proporation to fine aggregate as gives in the min A REAL PROVIDE AND ALL AND ALL

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