

Calculated Mix Design for 1 yd³

FOR: Millers Mini Mix

MIX: 3000 PSI - Air

DATE: 01-02-21

	MATERIALS					
	SOURCE	SP.G.	SSD WT.	VOLUME	BATCH WT.	
CEMENT	Lehigh type I II	3.15	500	2.54	500	Pounds
FLY ASH	None	2.71	0	0.00	0	0%
SAND*	Concrete Sand	2.56	1350	8.45	1406	Pounds
STONE #1	Concrete Stone	2.62	1650	10.11	1667	Pounds
STONE #2	None	2.74	0	0.00	0	Pounds
WATER	Approved Mix Water	1.00	34.0	4.55	25.5	Gallons
AIR %	With Cement	Total Air Content:		5.0%	1.35	5 Percent
WROZ/100	None	Oz. per 100 wt:	0.00	0	---	0 Ounces
TOTAL WT			3783	27.0	3785	Pounds

* Sand is automatically adjusted.

Target Volume:	27.00
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Free Moisture:	SAND	4.0%
	STONE	1.0%

W/C RATIO:	0.57	pounds/pounds
Theo.. Unit Weight:	140.11	pounds/ft ³
Coarse Aggregate:	37	% of Total Volume
Coarse Aggregate:	36	% of Total Weight

Comments: est. slump 5 inches from ACI 200.1-91 table 6.3.3.