

## Calculated Mix Design for 1 yd<sup>3</sup>

**FOR:** Millers Mini Mix

**MIX:** 4000 PSI - Air

**DATE:** 01-02-21

	MATERIALS					
	SOURCE	SP.G.	SSD WT.	VOLUME	BATCH WT.	
CEMENT	Lehigh type I II	3.15	564	2.87	564	Pounds
FLY ASH	None	2.71	0	0.00	0	0%
SAND*	Concrete Sand	2.56	1418	8.87	1477	Pounds
STONE #1	Concrete Stone	2.62	1691	10.36	1708	Pounds
STONE #2	None	2.74	0	0.00	0	Pounds
WATER	Approved Mix Water	1.00	26.5	3.54	17.7	Gallons
AIR %	With Cement	Total Air Content:		5.0%	1.35	5
WROZ/100	None	Oz. per 100 wt:	0.00	0	---	0
<b>TOTAL WT</b>			<b>3893</b>	<b>27.0</b>	<b>3896</b>	<b>Pounds</b>

\* Sand is automatically adjusted.

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

W/C RATIO:	0.39	pounds/pounds
Theo.. Unit Weight:	144.20	pounds/ft <sup>3</sup>
Coarse Aggregate:	38	% of Total Volume
Coarse Aggregate:	36	% of Total Weight

**Comments:** slump 5 inches