

Stone Strong Systems Producer Sheet

<u>Components</u>	<u>Block Wt lbs</u>	<u>Form Wt lbs</u>	<u>Concrete Volume</u>	<u>Rock In-fill</u>
24SF	6,000	4,600	1.50 cu yards	1.7 cu yards
24SF Top Block*	5,400	330	1.35 cu yards	1.5 cu yards
24SF Mass Extender*	10,000	519	2.50 cu yards	1.7 cu yards
6SF	1,600	2,500	.37 cu yards	.33 cu yards
6SF Top Block*	1,400	155	.35 cu yards	.31 cu yards
3SF*	800	1,800	.20 cu yards	.17 cu yards
3SF Top Block*	720	1,800	.18 cu yards	.16 cu yards
End Unit	1,500	1,491	.37 cu yards	0 cu yards
End Unit Top	1,412	1,491	.35 cu yards	0 cu yards
Cap/Step Unit	1,600	1,425	.40 cu yards	0 cu yards
Dual Face	3,520	2,500	.88 cu yards	0 cu yards
90 Degree	2,600	2,456	.65 cu yards	.1 cu yards
45 Degree*	2,000	870	.50 cu yards	0 cu yards

Block weights based on a 4,000 lb mix: block weights vary depending on mix design

* inserts added to existing forms



Stone Strong Systems' blocks are produced in high quality machined forms designed for efficient and easy use which provide consistency products with each pour. The blocks are produced with air entrained 4,000 PSI concrete which allows for zero internal reinforcement and protects the block during the freeze/thaw cycle. Returned concrete is never used for Stone Strong Blocks.

- ◆ Forms and liners are constructed of steel and rubber. Forms are rigid enough to maintain product dimensional tolerances and withstand form pressures of concrete in a plastic state, which is developed by many additive available on the market. This allows the use of most mix combinations and is especially conducive to the use of Self-Consolidating Concrete (SCC).
- ◆ The blockouts on the doors of the form are the key to the system; 35% Less concrete than competitive blocks.
- ◆ Concrete for segmental units shall have a minimum 28-day compressive strength of 4,000 psi.
- ◆ Entrained air content shall be between 5 and 7%
- ◆ Lift/Alignment Loops:
Galvanized Rebar
1/2" for 6 SF Blocks
3/4" for 24 SF Blocks
- ◆ Unit Fill
3/4" - 1" clean coarse aggregate with high angularity.

With the use of inserts and liners in the standard forms, additional accessories can be produced to put the finishing touches on a wall as needed with top blocks and half blocks. Forms are also available to produce end blocks and caps.

