

## Dollar Savings Cost Study

We took the time savings study and looked at cost savings. Using the following variables from a professional deck builder:

1,100 linear feet of deck boards uses 2,300 fasteners. Therefore, we based our calculations on 2.1 fasteners per linear foot (6" boards) and 4.6 fasteners per square foot.

Other variables we used for our calculations:

\$25	Full labor cost per hour worker #1	\$500	Daily cost for overhead and equipment use
\$25	Full labor cost per hour worker #2	8	Number of hours worked per day
\$25	Full labor cost per hour worker #3	\$62.50	Resulting hourly cost of equipment and overhead
\$75	Full labor cost per hour for all workers	\$1.04	Resulting cost per minute of equipment and overhead
\$1.25	Resulting labor cost per minute	1,000	Square Foot Deck

Cost to Fasten Your Deck Project									
	Cost Per Fastener	Includes labor, fasteners, and overhead for a 1,000 square foot deck	12" on Center			16" on Center			% Cheaper than Bulk Screws!
			Total Cost	per Sq. Ft.	Amount Saved	Total Cost	per Sq. Ft.	Amount Saved	
Top Down Fastening	0.0700	Bulk Composite Screw	\$ 1,828	1.83		\$ 1,391	1.39		
	0.1280	Collated Screws	\$ 1,292	1.29	\$ 536	\$ 983	0.98	\$ 408	29%
	0.1000	NSD9021 with NailScrews	\$ 811	0.81	\$ 1,017	\$ 617	0.62	\$ 773	56%
	0.1000	NSDGT90FRH Gas Tool with NailScrews	\$ 824	0.82	\$ 1,004	\$ 627	0.63	\$ 764	55%
	0.1000	NSDCN75 Coil Tool with NailScrews	\$ 755	0.75	\$ 1,073	\$ 574	0.57	\$ 816	59%
Hidden Systems	0.5150	The Eliminator Tool: Mantis Clips with NailScrews (1.8 cl/sq ft)				\$ 1,369	1.37		
	0.5150	Groover Mantis System with NailScrews (1.8 cl/sq ft)				\$ 1,369	1.37		
	0.5050	TC Tool TCG Clip (2.6 cl/sq ft)				\$ 2,682	2.68		
	0.4365	The Hidden Link (3.78 cl/sq ft)				\$ 4,125	4.12		

Please use our cost calculator at [911-nails.com/Fastening100,000SqFtCostCalculator.xls](http://911-nails.com/Fastening100,000SqFtCostCalculator.xls) for a more complete cost savings analysis.