



BUILDING A MODULAR WORLD WITH SUPERIOR CONCRETE SYSTEMS

Superior's modular building systems use interlocking panels and posts made of high-performance fiber and steel-reinforced pre-colored concrete. Through tongue and groove construction, Superior's modular systems create a unique balance between strength, beauty, ease of construction, and reliability.

New Tech is one of America's leading precast concrete fence and mold manufacturers. We license our proprietary systems to entrepreneurs and organizations who want to build using more cost-effective, beautiful, and durable products in their countries.



Enclosures around government buildings and facilities



Enclosures around utility and electrical substations



Homes and buildings utilizing Superior Concrete Products



Around residential homes and developments

NEWTECH
PRECAST MOLDING

MANUFACTURING QUANTITIES

Material Required for One Panel:

	Unit of Measure	Quantity
Colored Concrete	Cubic Feet	0.625
Wire Mesh Spacer	Each	5
Wire Mesh Frame	Each	1

Without Mixer	
Operator	8
Mold Time (min)	28.98
Hours	0.483
Man-Hrs	3.86
Total Panels 8hrs	199
Molds/Day	16.5



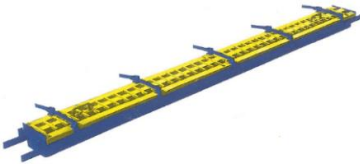
Molds	Material Produced	Product	Concrete usage Cubic Ft per mold	Total Concrete Needed /Molds Cubic FT	Cubic Meter
1	12	Panels	7.5	7.5	0.212

(Each mold makes 12 - 5 feet long X 1 foot high X 2 inch thick panel).

Material Required for One Post:

	Unit of Measure	Quantity
Colored Concrete	Cubic Feet	1.389
Rebar Clip Chair	Each	4
Rebar Ties	Each	2
Rebar	Each	2

Without Mixer	
Operator	4
Total Time (min)	7.32
Hours	0.122
Man-Hrs	0.488
Total Post 8 Hrs	66



Molds	Material Produced	Product	Concrete usage Cubic Ft per mold	Total Concrete Needed /Molds Cubic FT	Cubic Meter
1	1	Post	1.525	1.525	0.043

Material Required for One Panel Cap:

	Unit of Measure	Quantity
Colored Concrete	Cubic Feet	0.304
Rebar Chair	Each	2
Rebar	Each	1

Without Mixer	
Operator	1
Total Time (min)	5.51
Hours	0.091
Man Hours	0.091
Total Panels 8 Hours	87



Molds	Material Produced	Product	Concrete usage Cubic Ft per mold	Total Concrete Needed /Molds Cubic FT	Cubic Meter
1	1	Panel caps	0.272	0.272	0.008

Material Required for One Post Cap:

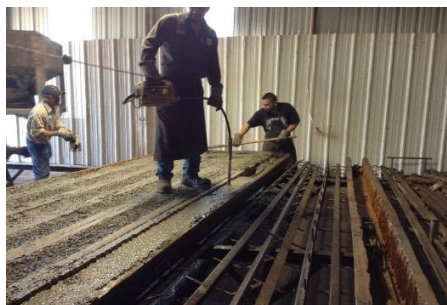
	Unit of Measure	Quantity
Colored Concrete	Cubic Feet	0.071
Rebar	Each	2

Without Mixer	
Operator	1
Total Time (min)	5.43
Hours	0.095
Man-Hrs	0.095
Total Panels 8 Hrs	88



Molds	Material Produced	Product	Concrete usage Cubic Ft per mold	Total Concrete Needed /Molds Cubic FT	Cubic Meter
1	2	Post Caps	0.151	0.302	0.009

MANUFACTURING PROCESS



MANUFACTURING SCENARIOS

Quantity of Panel Molds	Number of Panels
4	48
5	60
6	72
7	84

Daily Production for 6 ft High Fence (1.82 m)	Daily Production for 7 ft High Fence (2.13 m)	Daily Production for 8 ft High Fence (2.43 m)	Daily Production for 9 ft High Fence (2.74 m)	Daily Production for 10 ft High Fence (3.04 m)
40		30		30
50				
60		45	40	
70	60			

Quantity of Panel Cap Molds	Number of Panel Caps
4	8
5	10
6	12
7	14

Daily Production for 6 ft High Fence (1.82 m)	Daily Production for 7 ft High Fence (2.13 m)	Daily Production for 8 ft High Fence (2.43 m)	Daily Production for 9 ft High Fence (2.74 m)	Daily Production for 10 ft High Fence (3.04 m)
8		6		6
10				
12		9	8	
14	12			

Quantity of Post Molds	Number of Posts
4	4
5	5
6	6
7	7

Daily Production for 6 ft High Fence (8 ft Post)	Daily Production for 7 ft High Fence (9 ft Post)	Daily Production for 8 ft High Fence (10 ft Post)	Daily Production for 9 ft High Fence (11 ft Post)	Daily Production for 10 ft High Fence (12 ft Post)
9		7		7
11				
13		10	9	
15	13			

Quantity of Post Cap Molds	Number of Post Caps
4	8
5	10
6	12
7	14

Daily Production for 6 ft High Fence (1.82 m)	Daily Production for 7 ft High Fence (2.13 m)	Daily Production for 8 ft High Fence (2.43 m)	Daily Production for 9 ft High Fence (2.74 m)	Daily Production for 10 ft High Fence (3.04 m)
5		4		4
6				
7		5	5	
8	7			