



MONTANIA
 White Portland Cement Type 1
 Conformed to ASTM C-150
www.montanacement.com



Montania for Swimming pool

PHYSICAL PROPERTIES		ASTM Standard			Typical Test Result		
Whiteness (Hunter)		-			92 - 93		
Fineness specific surface							
Air permeability test	cm ² /g	Min. 2800			4100 - 4500		
Time of setting							
Vicat test : Initial set	minute	Min. 45			70 - 90		
Final set	minute	Max. 375			100 - 130		
Soundness : Autoclave expansion	%	Max. 0.8			0.00 - 0.02		
Air content of mortar	%	Max. 12.0			2.0 - 4.0		
False set	%	Min. 50			60 - 80		
<i>Compressive strength (mortar cubes)</i>		<i>Kg/cm²</i>	<i>Mpa</i>	<i>psi</i>	<i>Kg/cm²</i>	<i>Mpa</i>	<i>psi</i>
3 days	Min	122	12.0	1740	250 - 300	24.5 - 29.4	3550 - 4270
7 days	Min	194	19.0	2760	360 - 410	35.3 - 40.2	5120 - 5830
28 days	Min	285	28.0	4060	470 - 520	46.1 - 51.0	6680 - 7400

Montania for Stucco

PHYSICAL PROPERTIES		ASTM Standard			Typical Test Result		
Whiteness (Hunter)		-			91.5 - 93		
Fineness specific surface							
Air permeability test	cm ² /g	Min. 2800			3700 - 4000		
Time of setting							
Vicat test : Initial set	minute	Min. 45			165 - 225		
Final set	minute	Max. 375			240 - 290		
Soundness : Autoclave expansion	%	Max. 0.8			0.00 - 0.02		
Air content of mortar	%	Max. 12.0			2.0 - 4.0		
False set	%	Min. 50			60 - 80		
<i>Compressive strength (mortar cubes)</i>		<i>Kg/cm²</i>	<i>Mpa</i>	<i>psi</i>	<i>Kg/cm²</i>	<i>Mpa</i>	<i>psi</i>
3 days	Min	122	12.0	1740	215 - 245	21.1-24.0	3080 - 3485
7 days	Min	194	19.0	2760	300 - 350	29.4 - 34.3	4260 - 4980
28 days	Min	285	28.0	4060	450 - 500	44.1 - 49.0	6400 - 7110