



Pozzo White ULTRA BLEND



Technical Data Sheet

Test Period: July 26, 2012

Type: Pozzo White Cement Type GU, ASTM C1157

Certification

We certify the cement described here, at the time of shipment, meets the physical requirements of the current ASTM C1157 specification for Type GU cement. We are not responsible for improper use or workmanship.

General Information

Supplier: Western States Wholesale Source Location: Ontario Plant

Address: Ontario, CA

Test Data on ASTM "Standard" Requirements and Results

Chemical and Physical Requirements and Results of Tests

Item	Unit	Limit	Results
SiO ₂	%	A	19.56
Al ₂ O ₃	%	A	4.22
Fe ₂ O ₃	%	A	0.30
CaO	%	A	62.80
MgO	%	A	1.14
SO ₃	%	A	2.37
Equivalent Alkalies	%	A	0.20

Fitness	Unit	Limit	Results
Passing 45µm (No. 325)	%	A	94.2
Blaine Fineness	m ² /kg	A	410
Autoclave Expansion	%	0.80 max	.01
Air Content	%	A	13.4

Vicat Setting Time	Unit	Limit	Results
Initial Set	minutes	45 min	100
Final Set	A	A	185

Compressive Strength	PSI	Unit	Limit	Results
1-Day	2330	MPa	A	16.1
3-Day	2960	MPa	13.0 min ^B	20.4
7-Day	3580	MPa	20.0 min ^B	24.7
28-Day	4440	MPa	28.0 min ^B	30.6

^B1 MPa = 145 psi

^A Not Applicable, for Information Only