



# PYRAMID INDUSTRIES PVT. LTD.

SURVEY NO.118, B/H.GAYATRI WEIGHTBRIDGE, HASANPAR,  
VIL:WANKANER, DIST:MORBI MO. NO.99789 79090

## Ultrafine GGBS Test Certificate



Sample: Buildfine	Bill No.
Week No.	Mfg. Month:
Test Report No.	Date of final Testing:

S. No.	Test	Results	Requirements As per IS 16715- 2018
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### Chemical Analysis

1	Loss on ignition, % by mass	0.28	3.0 Max
2	Chloride content, % by mass	0.01	0.1 Max
3	Magnesium Oxide (MgO), % by mass	8.83	17.0 Max
4	Insoluble residue, % by mass	0.52	3.0 Max
5	Sulphate (SO <sub>3</sub> ), % by mass	0.27	3.0 Max
6	Sulphide Sulphur (S), % by mass	0.44	2.0 Max
7	Manganese Oxide (MnO), % by mass	0.36	5.5 Max
8	Glass Content, % by mass	95	85 Min
9	Moisture content, % by mass	0.32	1 Max
10	$(CaO+MgO+1/3 Al_2O_3) / SiO_2+2/3 Al_2O_3$	1.071423505	1.0 Min
11	$(CaO+MgO+ Al_2O_3) / SiO_2$	1.673716012	1.0 Min
12	Silica ( SiO <sub>2</sub> ), % by mass	36.41	-
13	Calcium Oxide (CaO ), % by mass	36.23	-
14	Alumina (Al <sub>2</sub> O <sub>3</sub> ), % by mass	15.88	-

### Physical Analysis

1	Fineness, m <sup>2</sup> /kg (BET Method)	2454	1500 Min
2	Particle size, μm		
	D10	1.29	
	D50	3.91	5 Max
	D90	8.05	
3	Slag Activity Index, %		
	7 days	118	85 Min
	28 days	142	100 Min
4.	Specific Gravity	2.89	-
5	Bulk Density (Kg/m <sup>3</sup> )	728	-

For, PYRAMID INDUSTRIES PVT  
LTD



(QC Head)

Note : U.T. - Under Testing  
 TEST METHOD: IS: 16715:2018 (Clause 5.3) (Annex C)/Calibrated Microscope, IS: 4032-2010, IS: 3535-1986 (RA2004), IS:11578, IS:4031 (Part – 8) & Particle size using laser diffraction PSD Analyzer, Glass Content results as per third party testing.