




TRUST. LEGACY. FOREVER.

**KALBURGI CEMENT PVT. LTD.****Corporate Office:** 8-2-626, Reliance Majestic Building, Road No. 10, Banjara Hills,  
Hyderabad – 500 034, A.P., India. Ph.: +91 40 3006999; Fax: +91 40 30006955**Works :** Chatrasala (V), Kharchkhed (Post) - 585 320, Chincholi (Tq.), Gulbarga Dist.**IS:1489 (Part-1)****CM/L :4596685****TEST CERTIFICATE (PPC)****Product : VICAT - DURAMATE****Week No: 2****Despatched from: 06.01.2020 to 12.01.2020**

A. PHYSICAL REQUIREMENTS	RESULTS	As per IS 1489 (Part-1) 2015
<b>Fineness:</b>		
a. Specific Surface (m <sup>2</sup> /kg)	348	Not less than 300
b. Normal Consistency (%)	32.00	-----
<b>Soundness:</b>		
a. By Le-Chatelier Method (mm)	0.50	Not more than 10 mm
b. By Autoclave (%)	0.062	Not more than 0.8 %
<b>Setting Time:</b>		
a. Initial Setting Time (minutes)	185	Not less than 30
b. Final Setting Time (minutes)	280	Not more than 600
<b>Compressive Strength (MPa)</b>		
a. 3 days	26.18	Not less than 16
b. 7 days	Awaited	Not less than 22
c. 28 days	Awaited	Not less than 33
d. Drying Shrinkage(%)	Awaited	Not more than 0.15
e. Flyash Addition (%)	31.24	Not more than 35
<b>B. CHEMICAL REQUIREMENTS</b>		
a. Insoluble Residue (%)	28.12	$X+4(100-X)/100$ ; X = % of Flyash
b. Magnesia (%)	1.04	Not more than 6.0
c. Sulphuric Anhydride (%)	2.24	Not more than 3.5
d. Loss on Ignition (%)	2.36	Not more than 5.0
e. Alkali Content (%)	0.62	Not more than 0.90
f. Temperature During Testing(°C)	27.00	27 ± 2


  
**Section In-Charge (Q.C)**

  
**Authorised Signature**