



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 :0004596685

TRUST. LEGACY. FOREVER.

TEST CERTIFICATE (PPC)

Product : VICAT - DURAMATE

Week No: 14

Despatched From : 2/4/2026 TO 8/4/2026

A. PHYSICAL REQUIREMENTS (as per IS:4031)	RESULTS	As per IS 1489 (Part-1) 2015
Fineness:		
a. Specific Surface (m ² /kg)	332	Not less than 300
b. Normal Consistency (%)	31.50	-----
Soundness:		
a. By Le-Chatelier Method (mm)	1.50	Not more than 10 mm
b. By Autoclave (%)	0.05	Not more than 0.8 %
Setting Time:		
a. Initial Setting Time (minutes)	140	Not less than 30
b. Final Setting Time (minutes)	245	Not more than 600
Compressive Strength (MPa)		
a. 3 days	24.16	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 (%)	29.47	Not more than 35
B. CHEMICAL REQUIREMENTS (as per IS:4032)		
a. Insoluble Residue (%)	24.32	Max=(X+4*(100-X)/100) Min=0.6*X, X = Flyash addition (%)
b. Magnesia (%)	1.35	Not more than 6.0
c. Sulphuric Anhydride (%)	2.15	Not more than 3.5
d. Loss on Ignition (%)	1.98	Not more than 5.0
e. Alkali Content (%)	0.81	Not Specified
f. Temperature During Testing °C	28.00	27 ± 2

Dy. Manager-QC

HOD - QC