



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: 20****Despatched From : 14/5/2025 TO 20/5/2025**

| A. PHYSICAL REQUIREMENTS (as per IS:4031) | RESULTS | As per IS 1489 (Part-1) 2015 |
|--|---------|---|
| Fineness: | | |
| a. Specific Surface (m ² /kg) | 331 | Not less than 300 |
| b. Normal Consistency (%) | 31.50 | ----- |
| Soundness: | | |
| a. By Le-Chatelier Method (mm) | 1.25 | Not more than 10 mm |
| b. By Autoclave (%) | 0.06 | Not more than 0.8 % |
| Setting Time: | | |
| a. Initial Setting Time (minutes) | 155 | Not less than 30 |
| b. Final Setting Time (minutes) | 255 | Not more than 600 |
| Compressive Strength (MPa) | | |
| a. 3 days | 23.80 | 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 (%) | 29.48 | Not more than 35 |
| B. CHEMICAL REQUIREMENTS (as per IS:4032) | | |
| a. Insoluble Residue (%) | 25.30 | Max=(X+4*(100-X)/100) Min=0.6*X, X = Flyash addition (%) |
| b. Magnesia (%) | 1.20 | Not more than 6.0 |
| c. Sulphuric Anhydride (%) | 2.37 | Not more than 3.5 |
| d. Loss on Ignition (%) | 1.84 | Not more than 5.0 |
| e. Alkali Content (%) | 0.86 | Not Specified |
| f. Temperature During Testing °C | 27.60 | 27 ± 2 |

Asst Manager-QC**HOD - QC**



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: 19****Despatched From : 7/5/2025 TO 13/5/2025**

| A. PHYSICAL REQUIREMENTS (as per IS:4031) | RESULTS | As per IS 1489 (Part-1) 2015 |
|--|----------------|---|
| Fineness: | | |
| a. Specific Surface (m ² /kg) | 336 | Not less than 300 |
| b. Normal Consistency (%) | 31.5 | ----- |
| Soundness: | | |
| a. By Le-Chatelier Method (mm) | 1.00 | Not more than 10 mm |
| b. By Autoclave (%) | 0.06 | Not more than 0.8 % |
| Setting Time: | | |
| a. Initial Setting Time (minutes) | 150 | Not less than 30 |
| b. Final Setting Time (minutes) | 250 | Not more than 600 |
| Compressive Strength (MPa) | | |
| a. 3 days | 24.15 | Not less than 16 |
| b. 7 days | 31.40 | Not less than 22 |
| c. 28 days | Awaited | Not less than 33 |
| d. Drying Shrinkage(%) | Awaited | Not more than 0.15 |
| e. Flyash Addition (%) | 29.42 | Not more than 35 |
| B. CHEMICAL REQUIREMENTS (as per IS:4032) | | |
| a. Insoluble Residue (%) | 25.20 | Max=(X+4*(100-X)/100) Min=0.6*X, X = Flyash addition (%) |
| b. Magnesia (%) | 1.18 | Not more than 6.0 |
| c. Sulphuric Anhydride (%) | 2.42 | Not more than 3.5 |
| d. Loss on Ignition (%) | 1.88 | Not more than 5.0 |
| e. Alkali Content (%) | 0.84 | Not Specified |
| f. Temperature During Testing °C | 27.80 | 27 ± 2 |

Asst Manager-QC**HOD - QC**



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: 16****Despatched From : 16/4/2025 TO 22/4/2025**

| A. PHYSICAL REQUIREMENTS (as per IS:4031) | RESULTS | As per IS 269 – 2015 |
|--|---------|---|
| Fineness: | | |
| a. Specific Surface (m ² /kg) | 334 | Not less than 300 |
| b. Normal Consistency (%) | 31.5 | ----- |
| Soundness: | | |
| a. By Le-Chatelier Method (mm) | 1.00 | Not more than 10 mm |
| b. By Autoclave (%) | 0.04 | Not more than 0.8 % |
| Setting Time: | | |
| a. Initial Setting Time (minutes) | 140 | Not less than 30 |
| b. Final Setting Time (minutes) | 240 | Not more than 600 |
| Compressive Strength (MPa) | | |
| a. 3 days | 24.27 | Not less than 16 |
| b. 7 days | 32.02 | Not less than 22 |
| c. 28 days | 51.40 | Not less than 33 |
| d. Drying Shrinkage(%) | Awaited | Not more than 0.15 |
| e. Flyash Addition (%) | 28.99 | Not more than 35 |
| B. CHEMICAL REQUIREMENTS (as per IS:4032) | | |
| a. Insoluble Residue (%) | 25.20 | Max=(X+4*(100-X)/100) Min=0.6*X, X = Flyash addition (%) |
| b. Magnesia (%) | 1.07 | Not more than 6.0 |
| c. Sulphuric Anhydride (%) | 2.34 | Not more than 3.5 |
| d. Loss on Ignition (%) | 1.76 | Not more than 5.0 |
| e. Alkali Content (%) | 0.82 | Not Specified |
| f. Temperature During Testing °C | 27.40 | 27 ± 2 |

Asst Manager-QC**HOD - QC**



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: 15****Despatched From : 9/4/2025 TO 15/4/2025**

| A. PHYSICAL REQUIREMENTS (as per IS:4031) | RESULTS | As per IS 269 – 2015 |
|--|---------|---|
| Fineness: | | |
| a. Specific Surface (m ² /kg) | 328 | Not less than 300 |
| b. Normal Consistency (%) | 31.5 | ----- |
| Soundness: | | |
| a. By Le-Chatelier Method (mm) | 1.00 | Not more than 10 mm |
| b. By Autoclave (%) | 0.04 | Not more than 0.8 % |
| Setting Time: | | |
| a. Initial Setting Time (minutes) | 140 | Not less than 30 |
| b. Final Setting Time (minutes) | 240 | Not more than 600 |
| Compressive Strength (MPa) | | |
| a. 3 days | 24.05 | Not less than 16 |
| b. 7 days | 32.20 | Not less than 22 |
| c. 28 days | 51.12 | Not less than 33 |
| d. Drying Shrinkage(%) | 0.028 | Not more than 0.15 |
| e. Flyash Addition (%) | 29.10 | Not more than 35 |
| B. CHEMICAL REQUIREMENTS (as per IS:4032) | | |
| a. Insoluble Residue (%) | 25.30 | Max=(X+4*(100-X)/100) Min=0.6*X, X = Flyash addition (%) |
| b. Magnesia (%) | 1.12 | Not more than 6.0 |
| c. Sulphuric Anhydride (%) | 2.46 | Not more than 3.5 |
| d. Loss on Ignition (%) | 1.90 | Not more than 5.0 |
| e. Alkali Content (%) | 0.81 | Not Specified |
| f. Temperature During Testing °C | 27.80 | 27 ± 2 |

Asst Manager-QC**HOD - QC**