

GOVERNMENT OF GOA
OFFICE OF THE ASSISTANT ENGINEER
SUB DIVISION III (SOUTH),
QUALITY CONTROL LABORATORY,
WATER RESOURCES DEPARTMENT,
GOGAL, MARGAO- GOA.

PLEASE FIND THE TEST RESULTS OF CEMENT AS DETAILED BELOW:

Name of work:- Construction of protection wall in Sy.No. 152/2 for the stabilization of nallah bank at Village Talvorda Cuncolim Constituency.

Type of Cement: Ordinary Portland cement **Brand / Grade:** JK/43 grade

Source of receipt: Assistant Engineer, SD III, WD II, WRD, Fatorda- Goa.

Ref. Letter No: WRD/ SD III/WD II/F.77/11/2025-26. **Dated:** 04-04-2025

Qty. Represented:

L.S. No: F. 138/04/2024.

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 9 micron sieve)	3 %	Not more than 10%
2	Setting Time in (Minutes) lvii) Initial	160 minutes	Not less than 30 Min
	lviii) Final.	288 minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	346.66Kg/cm ²	Not less than 230.0Kg/cm ²
	ii) 168 hrs. ±2hrs	476.66Kg/cm ²	Not less than 330.0Kg/cm ²
	iii) 672 hrs. ±4 hrs	553.33Kg/cm ²	Not less than 430.0Kg/cm ²
4	Consistency of cement.	28 %	

To,

The Asst. Engineer.SD III, WD II, WRD, Fatorda- Goa.

C.W.C. Submitted to:

2. The Exe. Eng. W.D. XI, WRD, Rawanfond- Goa.
3. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.
4. Office file.

Junior Engineer

Assistant Engineer