

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 side protection wall in Sy.No. 129/2 and 129/2B at Sonfatar, Xeldem Village of Quepem Taluka.

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

Source of receipt: Assistant Engineer, SD V, WD XII, WRD, Quepem- Goa.

Ref. Letter No: WRD/ SD V/WD XII/F.70/226/2024-25. **Dated:** 29-03-2025

Qty. Represented:

L.S. No: F. 116/05/2024.

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) xxiii) Initial	180 minutes	Not less than 30 Min
	xxiv) Final.	277minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm ² i) 72 hrs. ±1 hrs.	353.33Kg/cm2	Not less than 230.0Kg/cm2
	ii) 168 hrs. ±2hrs	470.00Kg/cm2	Not less than 330.0Kg/cm2
	iii) 672 hrs. ±4 hrs	590.00Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	28%	

To,
The Asst. Engineer.SD V, WD XII, WRD, Quepem- 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