

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:-** Improvement to the existing protection wall along the field side at Agalli in Fatorda Constituency.

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

**Source of receipt:** Assistant Engineer, SD III, WD III, WRD, Gogol- Margao - Goa.

**Ref. Letter No:** 356/SD III/ WD III/ WRD/24-25/255-A.   **Dated:** 06-11-2024

**Qty. Represented:**

**L.S. No:   F.18/04/2024.**

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) i)     Initial	188 minutes	Not less than 30 Min
	ii)    Final.	284minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup> i)     72 hrs. ±1 hrs.	380.00Kg/cm2	Not less than 230.0Kg/cm2
	ii)    168 hrs. ±2hrs	483.33Kg/cm2	Not less than 330.0Kg/cm2
	iii)   672 hrs. ±4 hrs	586.66 Kg/cm2	Not less than 430.0Kg/cm2
4	Consistency of cement.	28%	

To,  
The Asst. Engineer.SD III, WD III, WRD, Gogol- Margao- Goa.  
C.W.C. Submitted to:  
1. The Exe. Eng. W.D. XI, WRD, Rawanfond– Goa.  
2. S.W.II, CPO, WRD, Sinchai Bhavan , Alto, Porvorim – Goa.  
3. Office file.

**Junior Engineer**

**Assistant Engineer**