

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 adjacent to Tarakunj Society at Murida within the jurisdiction of Margao Muncipal Council.

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

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

**Ref. Letter No:** 291/SD III/ WD III/ WRD/2021-22/393..**Dated:** 24-12-2021.

**Qty. Represented:**

**L.S. No: F.49/04/2021**

Physical Properties

Sr. No	Description	Test results	Requirements as per I.S.
1	Fineness. (% retained on 90 micron sieve)	4 %	Not more than 10%
2	Setting Time in (Minutes) xiii) Initial	188minutes	Not less than 30 Min
	xiv) Final.	292minutes	Not more than 600 Min.
3	Minimum Com Strength Kg/Cm <sup>2</sup> i) 72 hrs. ±1 hrs.	386.66Kg/cm <sup>2</sup>	Not less than230.0Kg/cm <sup>2</sup>
	ii) 168 hrs. ±2 hrs	466.66 Kg/cm <sup>2</sup>	Not less than330.0Kg/cm <sup>2</sup>
	iii) 672 hrs. ±4 hrs	563.33 Kg/cm <sup>2</sup>	Not less than430.0Kg/cm <sup>2</sup>
4	Consistency of cement.	28 %	

To,  
Assistant Engineer, Sub Div III, WD. III,WRD, Gogol- Margao- Goa

C.W.C. Submitted to:

2. The Exe. Eng. W.D. III, WRD, Ponda- Goa.
3. Office file.

**Junior Engineer**

**Assistant Engineer**