

# *High strength* **Cement!** *Crack-free* **Concrete!**



## FEATURES & BENEFITS

- Low Heat of Hydration
- Good Workability
- Superior Durability
- Early Hardening
- Higher Ultimate Strength
- High M-sand Compatibility

## TECHNICAL SPECIFICATIONS

Physical Characteristics	Unit	Requirement as per IS 1489 Part1:2015	Ramco SuperCrete Cement*
Fineness	m <sup>2</sup> /kg	300 (min)	340
Soundness			
Le Chatlier Method	mm	10 (max)	1.50
Autoclave Method	%	0.8 (max)	0.05
Setting Time			
Initial	minutes	30 (min)	140
Final	minutes	600 (max)	225
Compressive Strength			
3 Days	Mpa	16 (min)	30
7 Days	Mpa	22 (min)	35
28 Days	Mpa	33 (min)	53

\*Indicative prevailing values

### Rapid Chloride Penetration Test (RCPT) Results (Tested as per ASTM C 1202-19)

Description	Rapid Chloride Ion Penetration Test (Coulombs)		Concrete Permeability as per ASTM C 1202-19	Concrete Durability
	28 days	180 days		
OPC 53G	3349	2800	Moderate	Low
RAMCO SUPERCRETE - PPC	1838	893	Very Low	Very High



# RAMCO CEMENT