



**RAMCO**  
**SUPER STEEL**  
**PREMIUM CEMENT**

## Ramco Super Steel

Ramco Super Steel is a Portland Slag Cement manufactured as per IS 455:1989 standard. Ramo Super Steel is produced by intimately inter-grinding a mixture of Portland cement clinker, gypsum and granulated blast-furnace slag. Ramco Super Steel is recommended by construction professionals because of its ability to produce concrete with enhanced durability.

### Durability Test for M30 Grade of Concrete (Age of Specimen: 90 Days)

<b>Rapid Chloride Penetration Test (RCPT) Result</b> (Code Reference - ASTM C1202-19)	<b>Charge Passed (Coulombs)</b>	
	286	
<b>Depth of water penetration under pressure</b> (Code Reference - IS 516 (Part 2) -2018)	<b>Maximum Depth of Penetration (mm)</b>	<b>Average Depth of Penetration (mm)</b>
	10 mm	9 mm

\* Lower the value better the durability  
\* Values shown are for specific sample tested

### Application

- Concrete exposed to harsh environment with sulphur and chlorine e.g. coastal areas
- Dams or retaining walls
- Structures and foundations
- Steel reinforced concrete bridges
- Precast & pre-stressed concrete
- Concrete for marine applications

### Benefits

- Reduces the risk of reinforcement corrosion
- Provides higher resistance to attacks by sulphate & other chemicals
- Higher resistance to chloride ingress
- Improved durability characteristic which helps reduce life cycle cost
- Prevents occurrence of efflorescence (staining of concrete surfaces by calcium)



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## THE RAMCO CEMENTS LIMITED

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