



Engineered to thrive in
harsh coastal conditions

DURABILITY
PRISMATIC RANGE



Complete Concrete Solutions



Coastal regions are stunning, but their beauty comes at a cost.

Coastal environments expose infrastructure to harsh elements, resulting in corrosion, cracks, and deterioration over time. This relentless exposure compromises the structural integrity of essential components, such as bridges and buildings.

The consequences are severe: increased maintenance costs, reduced lifespan, and disrupted transportation that affects the daily lives of residents. Without a reliable solution, these challenges continue to escalate, demanding immediate attention and effective management.

Introducing



PrismCoastX is your ultimate solution for coastal construction challenges. Engineered specifically to withstand harsh coastal conditions, it features exceptional impermeability and unparalleled durability. With a robust microstructure designed to resist corrosion and chlorides, PrismCoastX ensures that your structures maintain their integrity, even in the toughest environments.

Unlike traditional concrete, PrismCoastX not only protects but also thrives in adverse conditions. It's a breakthrough in concrete technology, providing a long-lasting, sustainable solution that stands the test of time.

Applications



1. Structures near the coastline
2. Marine structures
3. Sewage treatment plants
4. Bridges in marine environment
5. Sea walls and armour units

Technical Details

- Minimum concrete grade: M30
- Maximum w/b ratio: 0.45
- Rapid Chloride Permeability Test (RCPT) value: < 1500 coulombs
- Water permeability: < 15 mm



Key Advantages



Low RCPT (Rapid Chloride Permeability Test)



Low water permeability



Strength gain beyond 28 days



Improved service life if coastal structures



Resistant against chlorides



Improved durability of structure

SCAN ME



+91 9769801903



connect@rmcindia.com