



Complete Concrete Solutions

Unlock the freedom to
**design intricate structures
with ease**



PRODUCTIVITY

PRISMATIC RANGE



Intricate designs may restrict freedom, risk durability and lead to cost escalations.

Intricate designs can limit freedom, pose risks of durability issues, and lead to cost overruns. Manual compaction methods often fail to achieve desired uniformity, leading to uneven surfaces / honey combing that may compromise the structural integrity of RCC members. Conventional concrete's lengthy setting times can cause delays in project timelines and inflate construction costs. Furthermore, difficulties may arise in smoothly flowing concrete into complex formworks and densely packed reinforcement areas, thereby increasing the risk of incomplete compaction and structural weaknesses due to inconsistent distribution of concrete.

Introducing



PrismSelf is engineered to exhibit superior flowability, allowing for smooth and uniform filling of intricate formworks, with minimal manual intervention. The improved flow characteristics eliminate the risk of incomplete compaction, ensuring every nook and corner of the structure is properly compacted. By reducing the need for extensive compaction efforts, PrismSelf not only cuts down on costs but also promotes an environment-friendly approach by minimizing noise pollution during the construction process.

PrismSelf is specially formulated to penetrate and flow seamlessly through densely packed reinforcement. This ensures even distribution of the self-compacted concrete, mitigating the risk of weak points in the structure and uniform density of concrete throughout the structure.

It is designed to provide architects and engineers with greater freedom in designing complex structures.



Applications



1. In RCC members with heavy and congested reinforcement
2. Architectural and complicated shape and design of intricate structure
3. Retaining walls, raft, footings and pile foundations
4. Repair, restoration and renewal of RCC structures

Technical Details

- Flow > 550 mm at site
- Supplied in grades from M25 & beyond
- We carry V-funnel, Slump Flow, L box, mandatory test as per the IS code
- The formwork needs to be appropriately designed by the client / contractor

Key Advantages



No compaction



Reduces fuel consumption



Reduces noise



Improves service life of the structure



Ideal for congested reinforcement



Designed as per structural needs

SCAN ME



+91 9769801903



connect@rmcindia.com