

RDC SelfCrete



RDC SelfCrete is a special concrete having self flowing, self leveling and

self consolidating properties developed to make construction process easy, fast and efficient. RDC Selfcrete is developed using new generation admixtures technology allowing it to be self flowing properties while maintaining low viscosities and yield stress of the mix without any segregation or bleeding.

It is one of the solutions towards noise-free placement of concrete with challenging task of placing concrete in to heavily reinforced structure sections & for night concreting in residential area to reduce eliminate noise of vibrators.

Applications

- Deep columns and shear walls
- Suitable for aluminum form shuttering
- Beams and Slabs

- Densely reinforced and lean sections
- Raft and deep foundations
- Complicated and intricate structures

Advantages

Self leveling and consolidating

Reduces man hours required for placement and finishing

No vibration of concrete required

Reduces noise by eliminating vibrators









Easy placement of concrete

Better surface finish

Less labor and equipments required for placement

Technical
Properties

Flow (mm)	550-700
Strength Class	Up to M100
V funnel time initial (sec)	6-12
L-Box	>0.9
Segregation resistance	High

Ensure proper placement with the use of a mallet to eliminate air entrapment





Concrete must be placed within 180 minutes of batching

