

Temperature Controlled Concrete



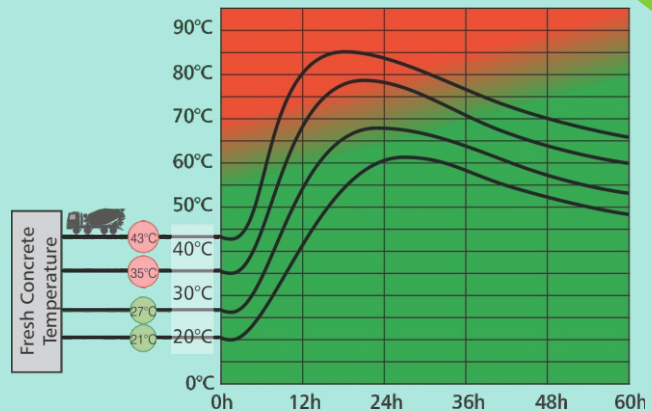
NIRMAN CONCRETE
THE COMPLETE CONCRETE SOLUTION



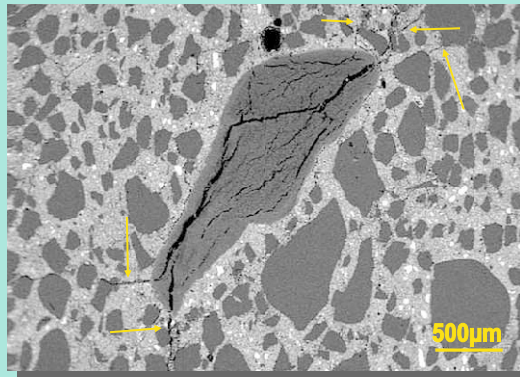
Beat the Heat

Temperature Controlled Concrete

Challenges

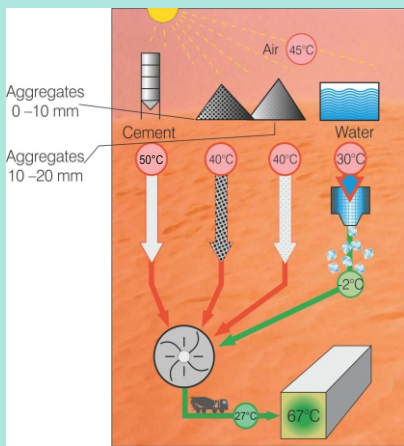


Concrete temperature rises very high in mass foundations...



... Leading to thermal cracks

Solution



Temperature Controlled Concrete comes to rescue with its temperature control.

Key Advantages:

- Controls the temperature differential between the core and surface of the concrete, thereby mitigating thermal tensile cracks.
- Controls early setting and stiffening of the concrete mix.
- Reduces plastic shrinkage cracks in fresh concrete.
- Enhances concrete durability.
- Prevents Delayed Ettringite Formation.

Applications:

- Massive raft foundations and deep beams.
- Bridge foundations and bridge piers.
- Large retaining walls.
- Mass concrete works in dams, hydro-electric and power projects.

