

# UltraTech

## Is dead weight silently eating into your profits?

Vertically growing cities have triggered a fundamental shift in the construction industry. Project profitability is now determined by our ability to build efficient and sustainable structures. Optimizing structural weight is one such challenge that has a huge impact on our profitability.

Conventional filler material like sand does not add to the strength but only increases the dead weight of the structure. What's more, the process is labour intensive, slow and expensive. And we are forced to compensate the dead weight of sand by overengineering strength, while it continues to silently eat into our profit margin.

### Introducing *UltraTech* LITECON

An amazing concrete that is up to 50% lighter than sand. It can be easily pumped to any height in no time with minimal labour requirement.

Infused with polystyrene, **UltraTech LiteCon** is an efficient filler material that helps you reduce dead weight and build towering structures. Enhancing both structural stability & your profitability is now possible with **UltraTech LiteCon**.

Why settle for the ordinary, when you can build the extraordinary!

1800-210-3311

https://www.ultratechcement.com/products/value-added-concrete





#### Advantages:

- Higher profitability due to reduction in dead weight by up to 50%
- Faster coverage due to quick, convenient work
- Fewer labour required
- Thermal & sound insulation reduction in differential temperature by up to 8°C

### **Technical Specifications:**

- Available in structural and non-structural grades,
- **UltraTech** LiteCon (structural) has a density ranging from 1700 1800 Kg/m<sup>3</sup> and above, with strength up to 30 MPa at 28 days
- **UltraTech** LiteCon (non-structural) has a density ranging from 800 1500 Kg/m<sup>3</sup> and above, with strength ranging from 1 to 5 MPa at 28 days
- Thermal conductivity of Ultratech LiteCon at 800 Kg/m<sup>3</sup> is 0.236 W/mK at 1200 kg/CuM is 0.270 W/mK
- Excellent workability

#### **Application Areas:**

- As a base course, under tiling & sunken slab Heat Insulation Decks and Roofs
- On flat as well as sloping roofs with varying thickness (250 mm to 70 mm)
- Light weight screeds on cantilever balconies
- Non-structural smart filler applications
- Back filling in trenches, composite deck
- Filler in precast

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