



Restore peace at home with our
**eco-friendly lightweight
concrete**



GREEN CONCRETE
PRISMATIC RANGE



Is the never-ending traffic noise disrupting your home's tranquility?

In our busy world, the constant noise of traffic, construction, and disruptions can make it tough to find peace. On top of that, the growing concerns about climate change, with rising temperatures and unpredictable weather, add another layer of unease, unsettling our daily routines.

In the past, construction projects faced challenges due to heavy dead loads, limited insulation, and inefficient construction processes. This resulted in increased steel requirements, larger beam and column sizes, which in turn reduced floor space and drove up overall construction costs.

Introducing



PrismLite offers excellent thermal and sound insulation, and improves acoustics while also lowering cooling expenses for your home. This lightweight concrete, designed for various applications, ranges from 800 to 1,800 kg per cubic meter.

Notably, it is significantly lighter than normal concrete, weighing less than half, making it an ideal choice for construction projects.

PrismLite is easily pumpable, making construction at any height a breeze. Say goodbye to tedious compaction and vibration.

Applications



1. Heat & sound insulating material for roofs, floors and electrical cables
2. Light-weight filler material
3. Cover for reservoir to reduce evaporation losses
4. Replacement of brickbat coba
5. Sunken area filling

Thickness of slab	50 - 70 mm	100 - 125 mm	150 - 180 mm
Fire rating	2 hours	6 hours	11 hours

Key Advantages



Reduced dead load



Thermal & sound insulation



Eco-friendly



Lower project cost



Lower steel requirement



Energy savings

	PrismLite	PrismLite	Brickbat Coba
	With 1000 kgs./m ³ Density	With 1600 kgs./m ³ Density	About 2250 kgs./m ³ Density
Thermal Conductivity (W/m.K)	0.281	0.338	> 0.750

Technical Details

- Light weight concrete, comes in 4 ranges: 800 to 1000, 1000 to 1200, 1200 to 1500 and 1500 to 1800 kg/cum
- Strength varies from 1 to 5 MPA
- Offers up to 60% reduction in dead load as compared to conventional concrete

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