

Building a Greener, Stronger Future

Sustainable Lightweight Concrete



Why CLC Blocks?

PureInsulite CLC blocks redefine construction with lightweight, energy-efficient, and cost-saving technology. Designed for modern, sustainable buildings, our blocks help you build faster, better, and greener.



Lightweight

Easier & faster to handle and transport, reducing labour costs.

- ✓ Faster Construction
- ✓ Reduced Structure Weight
- ✓ Strong & Durable



Cost Savings

Achieve economies on larger scale & significant savings on smaller scale projects.

- ✓ Lower Transportation Cost
- ✓ Reduced Energy Expenses
- ✓ Minimise Structural Cost



Eco-Friendly

Made from sustainable materials with low environmental impact.

- ✓ Recycled Raw Materials
- ✓ Lower CO₂ Emissions
- ✓ Thermal Efficiency

Ready to build Greener & Stronger? Contact us today for a free consultation or request a sample of PureInsulite CLC blocks!



WhatsApp Now!

+92-301-2489422

+92-332-2595072

LIGHTER. STRONGER. GREENER.

50%

MORE STRONGER & DURABLE

3x

LIGHTER THAN TRADITIONAL BRICKS

30%

LESS CARBON FOOTPRINT

30%

ENERGY SAVINGS FROM THERMAL INSULATION

Available Sizes

SOLID CLC BLOCKS

24x4x8 inches
12x4x8 inches

24x5x8 inches
12x5x8 inches

24x6x8 inches

24x8x8 inches

INTERLOCKING CLC BLOCKS

24x5x10 inches

24x6x10 inches

Application Areas

- Low-cost housing
- Air-conditioned building
- High-rise apartments
- Adding additional floors
- Green construction
- Waterproofing & roof insulation
- Precast exterior walls
- Acoustic construction

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www.pureinsulite.com



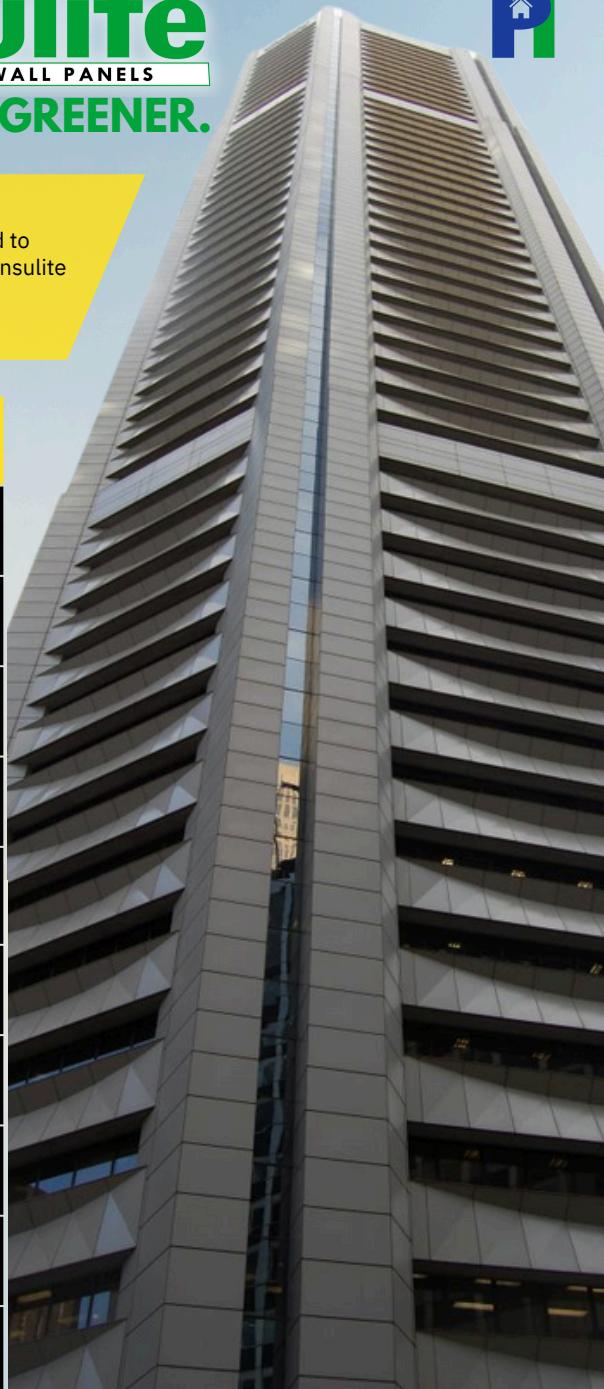
LIGHTER. STRONGER. GREENER.



PureInsulite offers CLC blocks that deliver strong insulation and reduced carbon footprint compared to traditional construction materials. Choosing PureInsulite means investing in a durable building solution and supporting a sustainable future.

Choose CLC

	PureInsulite CLC Blocks	Traditional Cement Blocks
Speed of Construction	15-25 m ² /man/day	10-12 m ² /man/day
Weight	60-75 kg/m ²	145 kg/m ²
Dry Density	800-1200 kg/m ³	>1800 kg/m ³
Water Absorption	~10%-20% (by weight)	40%
Compressive Strength	170-1000 psi (low-medium-high density)	800-1800 psi
Thickness of Mortar	6-12 mm	13-16 mm
Thermal Conductivity	0.08-0.35 W/mk	2.1 W/mk
Fire Rating	4 hours	1 hour
Acoustic Performance	>40 dB	>30 dB
Accuracy/Tolerance	±3mm	±10mm



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