300 MM APEX THERMOBLOCK

Features

- Excellent Thermal Insulation
- Saves on Installed Tonnage Capacity on Central A/c Units.
- Saves Substantially On the Electricity Bills.

Addtional Advantages

- Best Sound Insulation
- Most Cost Effective
- No Special Glues Required

Specifications

- Polystyrene insert integrally locked into the Concrete when Concrete is in wet stage.
- Polystyrene insert position is symmetrical for Better insulation and strength.

- Thermal Values:
  - U Value: \(0.20 \text{ w/m}^2\text{k}\) (For Wall)

Technical Information

- Size: \(200 \times 300 \times 400 \text{ (12")}\)
- Weight: 26Kg
- Compressive Strength: 7.5 N/mm².

- Polystyrene Density: 25 Kg / m³.
- Insulation: Expanded Polystyrene
- Sound Transmission Class Rating: >58 (Alternative to Cavity Wall Const)
The best insulative block in UAE
Maximum Thermal Insulation compared to any other product in the market.

Very cost effective
Saves on installed tonnage capacity on central A/c units.
Saves substantially on the monthly energy consumption bills on all type of A/c’s.

Normal masonry Block - *- no special skills required.
Normal mortar joints –*- no special glues required.

Added advantage of extra Sound Insulation
Facts you should know:

a) Polystyrene is the best available insulation material at present for usage in walls & roofs all over the world.

b) The insulation Properties are very superior if the Polystyrene is integrated into Concrete at wet stage moulding/casting to have good bonding and avoid air gaps & pockets to eliminate any chance for condensation.

c) The Apex ThermoBlocks has the added advantage of extra sound insulation than the normal blocks, as STC for 8” Block 58 db

d) Researched data proves that ‘polystyrene inserted’ concrete blocks are the most cost effective in terms of Thermal insulation as against Cavity wall, clay wall, Cavity wall with polystyrene sheet and other type of insulation.