



ClimatexTM

Beyond Brick & Mortar



SANJEEV KAPUR
SUGANDHA K SINGH



9990426060,
9990425060
9873367433



climatexindia@gmail.com



CLIMATEX

Beyond Brick & Mortar

- Interlocking Block Building System
- Sustainable Building Solutions



OFFICE ADDRESS

M/s B.KAY.INSULATIONS
(AN ISO 9001:2010 CERTIFIED COMPANY)
41/1 KM, MATHURA ROAD,
SECTOR-59, PART II
KAILI, BALLABGARH, HARYANA

INTRODUCTION

What are “Climatex” Interlocking Blocks?

“Climatex” Interlocking Blocks are high-quality building material made from compressing the right mix of soil and cement at high pressure.

How are “Climatex” Interlocking Blocks fixed?

These Interlocking Blocks have a tongue-and-groove profile on 4-faces of the block that helps auto-fix the blocks thereby enhancing structural stability and reducing the requirement of mortar or slurry. The walls made up through this technique hardly require cement plaster as the pre-pointed straight masonry and face brick finish renders an elegant and attractive look.

Each brick is constructively designed to lock itself to the other brick without the use of mortar. The self-locking is achieved using shear key and lock mechanism making this a better alternative to standard brick-mortar construction technique.



ADVANTAGES OF CLIMATEX INTERLOCKING BLOCKS

- ✦ *Fast and Simple construction technique - Interlocking*
- ✦ *Cost effective – Minimal use of mortar and labour*
- ✦ *Strong and Durable – High Structural stability & load bearing capacity and minimal maintenance*
- ✦ *Excellent Aesthetic Appeal – Face brick finish – no plaster required*
- ✦ *Thermo-Acoustic Effect*
- ✦ *Eco-friendly & Sustainable*
- ✦ *Minimal CO2 emission*
- ✦ *Earthquake Resistant*
- ✦ *Healthy – no toxic emissions*

ARCHITECTS, CONSULTANTS, ENGINEERS & BUILDERS: A WINNING FORMULA FOR

- ✦ *Compound and Boundary Walls* ✦ *Load Bearing & Framed Structures*
- ✦ *Rapid Shelter Programs* ✦ *Mass Housing and relocation of public housing against global poverty* ✦ *Earthquake Resistant Buildings*
- ✦ *Industrial Sheds* ✦ *Residential Construction* ✦ *Auditoriums*
- ✦ *Schools / Colleges* ✦ *Hospitals* ✦ *Hotels And Resorts etc.*

FEATURES

- ✦ *High Compressive Strength – Low water absorption*
- ✦ *Interlocking Construction – Dry stack/ wet lining or slurry pasting*
- ✦ *Vertical & Horizontal Reinforcement / Conduit Possible*
- ✦ *Concealed electric wiring and water lines*



CLIMATEX BLOCK RANGE

Block Density- 1800Kg/Mtr³ | Compressive Strength- 4-5N/MM²

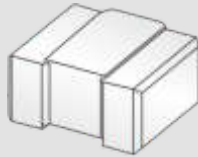
Load Bearing- 32Ton/CM² | 100 sqft Wall Area Requires 242 Blocks

HF 200 - 200 MM Block (13 to 14 Kg.)

Width : 200 MM

Height : 115 MM

Length : 340 MM

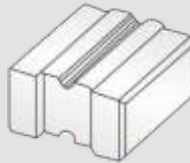


HF 200 Conduit - 200 MM Block (13 to 14 Kg.)

Width : 200 MM

Height : 115 MM

Length : 340 MM

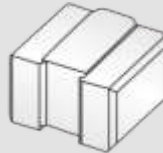


HF 150 - 150 MM Block (13 to 14 Kg.)

Width : 150 MM

Height : 115 MM

Length : 300 to 340 MM



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CORRESPONDENCE ADDRESS

1-A/267, N.I.T.,

Neelam Bata Road,

Faridabad- 121001