



Adding style to your lifestyle



OS Bricks (Pvt) Ltd

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Our Technology

At OS Bricks (Pvt) Ltd, we have pioneered the introduction of a truly unique and environmentally friendly form of building material – interlocking stabilized earth compressed bricks. They look stylish and impart an individualistic and earthy natural tone.

Its special design enables it to accommodate electrical and water supply systems to virtually anywhere in the building while complimenting the natural surrounding and environment.

Best of all, the cost of houses built with them are amazingly economical and affordable, giving you extremely high value and beauty for relatively very little money.

Since 1950 many laboratories became specialized and skilled in identifying various soils for buildings. Many more projects were born especially in Africa, South America, India and also South East Asia, Europe, United States of America and now in Sri Lanka!

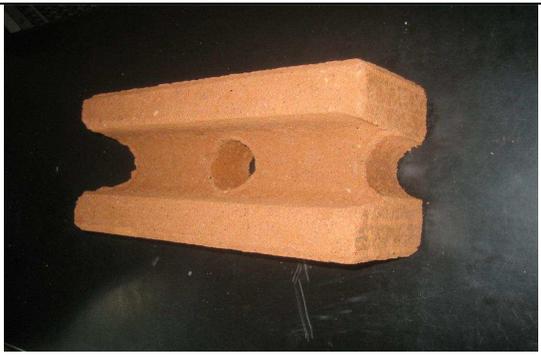
Our Technology

By using, Interlocking Earth Compressed Bricks it is

- Convenient to construct a house.
- Sand and Cement usage is comparatively less
- Labour usage is less
- Time consumption for construction is less



Hydraulic Compressing Machine

Type	Dimension	Picture
Full	Length = 295 mm Height = 100 mm Width = 146 mm Rs: 39.00	
Half	Length = 147 mm Height = 100 mm Width = 146 mm Rs: 25.00	
Lintel	Length = 295 mm Height = 100 mm Width = 146 mm Rs: 35.00	
Three Quarter	Length = 221 mm Height = 100 mm Width = 146 mm Rs: 33.00	

Available brick types

FAQs

Does this brick last long...?

- Higher compressive strength. (Minimum 3.0 N/mm² which is more than the strength of burned bricks and cement blocks)



Compressive Strength Testing Machine

• Historical evidence

- The oldest one still standing, can be seen in Egypt, new Luxer, which was built about 1300 B.C

What effect does it gives...?

‘...20% MORE COOLING EFFECT...’

- ✓ The Terra Interlocking Earth Compressed Brick design mainly uses environmentally sound materials and appropriate building technologies.
- ✓ Thermally radiant, hence inside of the building is cool.
- ✓ Create comfortable lifestyle more in relation with nature.

Does this brick take a long time to build...?

- ✓ Consume lesser time frame to build up the building due to,
 - Terra Interlocking Earth Compressed Brick is bigger than the normal brick. Therefore it takes less time to construct a sqft.

Terra IECB	295x146x100mm
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Burned Brick	150x100x60 mm
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- ✓ Interlocking facility
- ✓ Convenience in plumbing and electrical pipe laying.
- ✓ Not necessary of plastering.
- ✓ Per day 300 bricks can be laid by one labour.

Why... Housing construction cost is less...?

We use

OSB Interlocking Earth Compressed Bricks for constructions

Earth construction Systems–Appropriate building technologies

Proper Management of Construction.

- ✓ Saving in sand and cement cost.
- ✓ Saving of construction time.
- ✓ Saving in labor cost.
- ✓ Availability of different types of bricks (Lintel, half, Tree Quarter bricks...)
- ✓ Not necessary to have plastering, because it gives attractive appearance.
- ✓ Convenience in plumbing and electrical pipe laying.
- ✓ Keeps the interior of a building cool.
- ✓ Interlocking facility – The innovative Terra interlocking bricks do not need to be laid in bed of motar.

Does this brick easily dissolve...?

- ✓ The soil mixture for an IECB is slightly moisture and poured into a steel press and then compressed either with manual or moisture press.
- ✓ The input of soil stabilization allowed building walls, which have much better compressive strength and water resistance.
- ✓ Cement is able to disperse itself to fill the pore spaces where it sets and hardens to form a continuous matrix, which surrounds the particles of soil, and bind them together.
- ✓ And the manufactured brick cured for four weeks.

If bricks expose to the rain does it seepage...

As normal burned brick & cement block brick; inter locking earth compressed bricks also get seepage when they expose to the rain.

To avoid it,

- Use colourless water repellent
- Cement based soil paint
- Silicon based paint where the bricks are severely exposed
- Plastered walls
- Apply weather shield paint

What types of exterior finishes are possible?

- Preferred option–Exposed brick
- Apply paint only.
- Plastered walls and painted walls.
- Apply the filler and painted walls

After Sales service

- **The Technical Support will be given free of charge.**

If you have any further clarification, please feel free to contact the under signed.

Thank you & we assure you of our best services at all times.

Thanks

Duminda Wijesinghe

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