

ECO-LITE

PLASTER BRICKS

DIRECT SALES LINE: 087 997 1200



SPECIFICATIONS	
Class	NFP
Coverage	52/m ²
Description	Clay 17 core vertical perforation
Average compressive strength	30+ MPa
Average product weight	2.3 Kg
Average water absorption	10.3%
Average size	222mm (length) 106mm (width) 73mm (height)



BRICK QUANTITIES		
BRICK FORMAT	BRICKS PER m ² BASED ON SINGLE-SKIN CONSTRUCTION WITH 12mm JOINTS	SQUARE METERS PER 1000 BRICKS
Imperial	52	19.23

ADVANTAGES:

- Superior compressive strength.
- Vertically perforated product – no unsightly voids on window and door reveals.
- Labour savings – not necessary to plug corner voids before plastering compared to horizontal perforations.
- Aluminium window and door frames can be fixed with standard wall plugs.
- Heavy mountings/safes can be fixed with rawl bolts – brick does not have large internal voids compared to horizontal perforations.
- Robot setting with process control ensures consistent quality lower mortar usage and ease of plastering.
- Palletised and shrink wrapped – lower site wastage and pilfering.
- Modern mobile rotary kiln using embodied energy – desulfurization scrubber removes harmful emissions.

ECO-FRIENDLY FACTS

1. All clay raw material is mined on site, blended with zero waste. Mined areas are rehabilitated to original agricultural state.
2. Where possible production processes are scheduled for off-peak periods to help reduce demand on the National Electricity Grid.
3. The Plant is automated which means no forklifts are used to move bricks within the production process, leading to fuel savings and emission reduction.
4. Bricks are perforated (dematerialization) in a staggered design that retains structural strength, while minimizing clay usage, thereby reducing required energy costs.
5. Lighter, stronger product translates to savings in building design as the structure bears less load.
6. As bricks are lighter, considerably more product can be transported to site, meaning a reduction in vehicle numbers and therefore lower emissions per square meter of walling.
7. Our uniform brick requires less mortar to lay and reduces site wastage.
8. The favourable geographical location of our factory gives us the advantage to easily and efficiently reach major Cape Town building sites.

CLAY TILE

The Natural Choice®

A member of the Heavy Clay Products Group

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