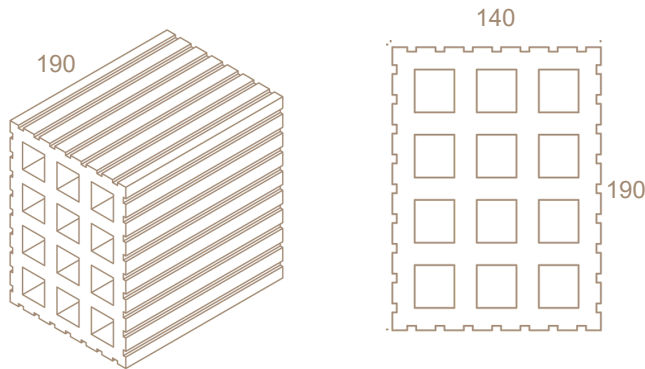


# Klay

## SPECIFICATIONS

CLASS	NFP Clay Block   B140
COVERAGE	25/m <sup>2</sup>
DESCRIPTION	Clay 12 Core perforated block
AVE. COMPRESSIVE STRENGTH	9 MPA horizontal 20 MPA vertical
AVE. PRODUCT WEIGHT	5.5 Kg
NO. PER M <sup>2</sup> SINGLE SKIN	25
AVE. SIZE	190mm x 140mm x 190mm (Length x Width x Height)

## Clay Block 140mm



## BRICK QUANTITIES

FORMAT Clay Block

BRICKS PER M<sup>2</sup> 25

Based on single-skin construction with 10mm joints

M<sup>2</sup> PER 100 BRICKS 4

## Advantages of Klay Blocks

These blocks offer superior compressive strength compared to cement blocks and can be laid either vertically or horizontally. Their low water absorption (around 10%) results in reduced horizontal movement and less cracking. They are lighter with low porosity, which leads to reduced reversible moisture movement. The use of robot setting with process control ensures consistent quality and sizing, reduces mortar usage, and simplifies plastering. Additionally, modern mobile rotary kilns utilize a fraction of the embodied energy of traditional clay brick-making technology.