

Light clay blocks Item. No. 07.004, 07.015

- For compartments and inner shells
- 2DF format for large compartments
- 3DF format for deep trusses



Lightweight moulded clay block in 2DF and 3DF formats. Suitable for internal shells and truss infills. 2DF bricks are economical for trusses with large, rectangular compartments with a low proportion of diagonal struts. The 3DF format is used for trusses made of particularly deep posts and transoms. If the bricks are to be used for the infill of weathered addition truss walls, we ask for special consultation. Lightweight clay masonry mortar is an ideal mortar for plastering with coarse lime basecoat render with hair.

Light clay blocks

Item. No. 7.004 2DF, 07.015 3DF

Field of application Mould-made and extruded clay blocks for facing and non-load-bearing interior walls. For timber framing. 900 2DF for large infills and inner layers, 900 3DF with grip hole for timber frames of very broad (deep) beams.

Composition Building clay, wood and straw chaff

Material properties

07.004: Extruded clay block. 2DF. Solid blocks. Gross density class 0.9. μ -value 5/10. Thermal conductivity 0.30 W/m·K.

07.015: Extruded clay block. 3DF. Solid blocks. Gross density class 0.9. μ -value 5/10. Thermal conductivity 0.30 W/m·K.

Building material class B2 in each case; better classification is possible subject to fire protection tests (Lehmbau Regeln DVL 2009, p. 97).

Supply form Shrink-wrapped on pallets, 2DF 350 units, 3DF 240 units Breakages \leq 4%.

Lagerung Trockene Lagerung unbegrenzt möglich. Es können drei Paletten aufeinander gestapelt werden.

Storage Can be stored dry for an indefinite period. Up to three pallets can be stacked on top of each other.

Block format	11.5 cm	17.5 cm	24.0 cm	horizontal
2DF	33	-	66	38
3DF	-	33	45	25

For mortar needs, see the lightweight clay masonry mortar product sheet.

Processing Work with light clay blocks according to the rules of masonry. Pre-wetting the light clay blocks in the horizontal masonry joints increases the masonry's strength. Lightweight clay masonry mortar (CLAYTEC 05.022 and 10.122) is used as masonry mortar. If lime plaster is planned, level any masonry joints; to improve plaster adhesion later on, scrape them out to create a sharp-edged recess of max. 3 mm.

Subsequent processing Leave the masonry to dry fully. Pre-wet before plastering (spray mist).

Interior walls are normally plastered with CLAYTEC clay plaster mortars, worksheet clay plasters. Timber-frame infills are usually plastered on the outside with gräfix coarse lime basecoat render with hair (CLAYTEC 21.200). Knowledge of the CLAYTEC "Timber-frame construction worksheet" is needed when choosing and executing the plaster structure.

Notes Because of the production process, the clay blocks described here may display unusually high deviations in terms of flatness and parallel alignment of the outer surfaces. This does not constitute a reason for refund.

² After only check and assessment of the concrete individual case for exposed masonry, please request separate information.

For instructions on working with this product see:

