

## Light clay block Application class II 07.013

- Conventional bricklaying technique
- Lightweight insulation block



Particularly lightweight clay block of application class II (= for interior masonry) with a thermal insulating effect. The 700 2DF clay block provides moderate interior insulation for timber-framed houses and all other historical buildings if laid with conventional masonry techniques. Lightweight clay masonry mortar is an ideal mortar.

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## Light clay block Application class II

### 07.013 2DF 700

**Field of application** Extruded clay blocks from application class II for facing and non-load-bearing interior walls.

**Composition** Building clay, wood and straw chaff

**Material properties** Extruded clay block. Application class AK II. 2DF (2 x thin format). Solid blocks. Gross density class 0.7.  $\mu$ -value 5/10. Thermal conductivity 0.21 W/m·K. Building material class B2\*.

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 of 350 units Breakages  $\leq$  4%.

**Storage** There is no time limit on storage. Up to three pallets can be stacked on top of each other.

**Material needs** Depending on the block format and wall thickness, the following number of blocks per m<sup>2</sup> are needed (in units):

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

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

**Processing** Work with light clay blocks according to the rules of masonry. Lightweight clay masonry mortar (CLAYTEC 05.022 and 10.122) is used as masonry mortar.

**With thermally insulating facing, fill the gap between the layer and exterior wall fully with mortar.** To this end, the masonry may have to be mechanically connected to the exterior wall (with perforated installation strips etc.). **The gap between layers may not be more than 1 cm thick for drying reasons.** Uneven exterior walls should initially be plastered so that they are roughly flush, allow to dry before starting the masonry work.

**Subsequent processing** Leave the masonry to dry fully. Interior facings and walls are usually plastered with CLAYTEC clay plaster mortars, please refer to the CLAYTEC "Interior insulation worksheet".