

Light clay block 2DF 700

Application class II

Item. No. 07.013

- Conventional bricklaying technique
- Lightweight insulation block



ClayTec Light clay block Application class II is a 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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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. μ -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 block/mortar requirement m² results:

Block format	11,5 cm	24,0 cm
2DF	33 pcs / 20 l	66 pcs / 55 l

If necessary, allow 10 l mortar / m² for filling the shell joints.

Processing Work with light clay blocks according to the rules of masonry. Lightweight clay masonry mortar (ClayTec 05.022, 05.222 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".

Claims for compensation that do not result from factory mixing errors are excluded.
Subject to change and errors excepted. As of 2024/10.