

Heavy clay block 1850

Anwendungsklasse II, Format ca. NF

Art. 07.018

- Für tragendes Mauerwerk
- Hohe Gefügefestigkeit
- Handwerksgerecht



Heavy molded clay block of application class II for clad, weather-protected exterior masonry and any type of interior masonry. The clay block heavy 1850 is an unperforated solid block. It is suitable for load-bearing clay masonry and complies with compressive strength class 2 according to DIN 18945. Its internal structural strength, shape accuracy and handy format make it particularly easy to lay. As a mortar, Clay-Tec clay masonry mortar is difficult to use.

Clay thin-bed mortar

Art. 10.150

Application Molded clay block for load-bearing, cladding or otherwise structurally weather-protected exterior masonry and interior masonry.

Composition Building clay

Building material values Solid brick, unperforated. Compressive strength class 2. Application class AK II. Bulk density class 2.0. Mean value of the stone bulk density 1850 kg/m³. Thermal conductivity interpolated 0.96 W/m-K. μ -value 5/10. Building material class A1. Special format approx. NF, dimensions see below.

Delivery form Welded on pallets à 312 pcs. Breakage $\leq$ 4%.

Storage Dry storage possible for an unlimited period. Two pallets can be stacked on top of each other.

Mortar preparation The 25 kg dry mass is gradually mixed with 8.5-9.0 liters of clean water using a suitable mixer. Processing consistency should be pasty for application using a thin-bed mortar sled, mortar roll, or application roller. After 30 minutes of maturation, mix thoroughly again. The mortar is now ready for application.

Processing The stones of the masonry must be dry, dust-free, clean, frost-free, and sufficiently absorbent. Do not process the mortar at temperatures $< 5^{\circ}\text{C}$. At high temperatures, the mortar may set unusually quickly. Thin-bed mortar is applied without voids to the bearing surfaces of the plan blocks in approximately 2 mm thickness, the following layer is immediately set into the freshly plastic mortar layer.

Hardening The hardening time depends on the absorbency of the masonry stones and the climatic conditions; during the drying time, the masonry must not be exposed to frost. The masonry must be protected from moisture during and after drying.

Claims for compensation that do not result from factory mixing errors are excluded. Subject to change and errors excepted. As of 2024/2.