

Title (en)
A PRECISE WALLING BLOCK

Title (de)
PRÄZISER MAUERBLOCK

Title (fr)
BLOC DE MUR PRÉCIS

Publication
EP 3153636 B1 20210113 (EN)

Application
EP 16001930 A 20160902

Priority
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Abstract (en)
[origin: EP3153636A2] The invention relates to the dimensional calibration of a precision walling block (1), preferably a ceramic block (1), that has two machined opposite loading surfaces (2, 2'), two opposite contact surfaces (3, 3'), and two opposite facing surfaces (4, 4'). For calibrating the dimensions of blocks (1) and for compensating manufacturing dimensional deviations, onto at least one facing surface (4, 4') there is applied a calibration layer (5) of semi-rigid material (9) on a silicate base, preferably a lime-cement or other plaster which cures after coating. The thickness (# i) of the calibration layer (5) is adjustable and corresponds to the difference between the final desired calibrated distance (Lv) and the nominal distance (Lji) of the surface of each block (1). The calibration is preferably executed using the applicator means (8) on a number of blocks (1) moving on a conveyor (6). After the calibration layer (5) has cured, the blocks (1) are dimensionally unified on their facing surfaces (4, 4') and only a thin layer of plaster is needed during the finishing work on the façade or on the interior plasters. The method of calibration according to the invention is inexpensive and suitable for line production of ceramic, concrete, porous concrete, foam silicate, aerated concrete, heat-insulated, and other blocks (1).

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