

ABSTRACT

The invention relates to a method and unit for the production of a cement mortar body (2) molded with a cement mortar. According to the invention, the following elements are
5 introduced into a vertical kneading machine provided with a drain in the flat bottom thereof: an amount of water corresponding to an amount comprised between 29% and 32% by weight of the cement mass, followed by additives and colorants; an amount of aggregate having a rounded surface, a grain-size distribution comprised between 0.1 and 1 mm and a silica content of 99.5%; and an amount of cement having particles in
10 the order of 5 microns comprised between 27% and 37% by weight of the total dry aggregate and cement mass. The kneading operation is continued until a completely homogeneous mass is obtained, with full hydration of the cement, and said mass is poured in a mold.

15 Figure 5