

Abstract

The present invention is directed to a silo (100) for the production of concrete, which comprises, inter alia, a main chamber (1) for storing a first, preferably powdery, component as well as at least one secondary chamber (2) for storing a second, preferably liquid, component. The present invention is furthermore directed to an installation (1000) which comprises the silo (100) according to the invention as well as a mixer (150), in which the first and the second component can be mixed together as aqueous mixtures, in particular continuously, to form concrete, in particular cellular lightweight concrete, and the finished concrete can preferably be removed therefrom continuously. The silo (100) according to the invention or the installation (1000) according to the invention enables a production of concrete adapted to the environmental conditions of the silo or the installation, wherein the quantities of the components can be individually dosed. Another subject of the invention is a method for the production of concrete, in particular of cellular lightweight concrete, also called foam concrete, in the installation according to the invention, as well as the use of the silo according to the invention for the production of concrete, in particular of cellular lightweight concrete.

Fig. 1