

The invention relates to a method and installation for the dehydroxylation treatment of aluminium silicate, in which the particles surrounding the aluminium silicate are subjected to a temperature of at least 500 °C. The particles are in the form of a dry powder and the dry powder (26) may be optionally transported in a gas stream (30) at a temperature of between 600 and 850 °C for a sufficient amount of time until the desired degree of dehydroxylation is achieved. The powder can be obtained from a hydrated base paste by reducing the base paste into fragments (23) and by deagglomerating the base paste fragments mechanically in the presence of a hot gas (24) at a temperature of between 500 °C and 800 °C in order to form the dry powder (26).