

Abstract

Following a comparative study of a number of representative methods for the preparation of a concrete mix, the present paper presents the results one of such methods, namely that of Dreux-Gorisse. This method combines a graphical approach with an analytical one, alongside the use of established correction tables. This study therefore proposes to present the various stages necessary for preparation of a concrete mix using the Dreux-Gorisse method in an automatic way. The purpose of this automation is to enable the preparation of a variety of mixes, taking into account the presence of several parameters. This approach allows obtaining mixes in a comprehensive manner, which eventually can lead to a comparison with other methods for the preparation of concrete mixes