

## **Compared Influences of the Additions on the Physical and Chemical Properties of the Portland Cement**

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The interest of the addition to the Portland cement is not anymore to demonstrate. Indeed, the additions permit, beyond measure of tempering the cost, of adjusting some properties of the Portland cements. This study treats some possibilities and some limits of utilisation of the additions in the Portland cement. The physical and chemical properties of the Portland cement with additions of sand, limestone and tuff was considered. Finally, the objective of this study is showing the interest that one must grant to the active addition such as the volcanic tuff, very abundant product on the surface of terrestrial globe. By elsewhere, one can show across this study that a mutation in the production of the Portland cements put into profit the action of the active additive, volcanic tuff in the present case, is henceforth possible.