The manuscript addresses an interesting and relevant topic and presents a well-structured study with clear potential to contribute to the field. The overall approach is sound, and the results are of interest. The comments below are mainly intended to further improve clarity, completeness of reporting, and alignment with standard scientific practice.

a) **References and state of the art**

The manuscript would benefit from a moderate expansion of the reference list, particularly by incorporating recent and relevant studies, in order to further strengthen the positioning of the work within the current state of the art.

b) **Unit formatting in tables**

Please ensure that all units are consistently formatted according to standard scientific notation. For example, m^3 should be presented using superscript formatting throughout the tables.

c) **Table 2 - Consistency classification**

The notation used to describe consistency (e.g., “F”) in Table 2 could be clarified. It would be helpful to indicate whether this refers to flow table consistency classes (e.g., F1–F6) and, if applicable, to provide the corresponding measured values (e.g., spread diameter in mm).

d) **Mass change measurement**

The description of the mass change measurement could be slightly expanded. In particular, it would be useful to indicate the initial moisture condition of the specimens prior to weighing (e.g., oven-dry, saturated surface dry, or conditioned), to ensure full clarity regarding the comparability of the results.

e) **pH measurement and interpretation**

The manuscript refers to pH and “pH neutralisation”. A brief clarification of the measurement procedure (e.g., type of sample and testing approach) and of the meaning of “neutralisation” in this context would further improve clarity.

f) **Statistical treatment and error analysis**

The presentation of the results could be further strengthened by briefly indicating whether replicate tests were performed and, where applicable, by including simple statistical indicators (e.g., standard deviation).

g) **Figures and data variability**

Where relevant, the inclusion of error bars would help to better illustrate data variability and support the interpretation of the results.