corrosion and materials degradation

MDPI

Correction

Correction: Glawe, C.; Raupach, M. Quantitative Analysis of the Alkali Transport During Chemical Re-Alkalization Using Laser-Induced-Breakdown Spectroscopy. *Corros. Mater. Degrad.* 2025, *6*, 43

Clarissa Glawe * and Michael Raupach

Institute of Building Materials Research, RWTH Aachen University, 52062 Aachen, Germany
* Correspondence: glawe@ibac.rwth-aachen.de

In the original publication [1], there was a mistake in Table 8 as published. When validating the values listed in Table 8 against the time–re-alkalization curves shown in the manuscript, it became clear that the a and b parameters in the table do not reproduce the modelled curves presented in the figures and discussed in the text.

Specifically,

1. The a and b values currently listed in Table 8 do not correspond to the parameter set used to generate the plotted re-alkalization depth predictions.

2. Back-calculation of the modelled curves shows that a different parameter set was used during analysis than the one reported in the table.

3. The discrepancy appears to be the result of an intermediate version of the parameter evaluation being unintentionally transferred into the final table.

To ensure transparency, reproducibility, and correctness of the manuscript, the values in Table 8 should therefore be replaced with the recalculated and internally consistent values. The corrected Table 8 appears below. The authors state that the scientific conclusions are unaffected. This correction was approved by the Academic Editor. The original publication has also been updated.

Table 8. Results of fitting the power equation (Equation (5)) to the attenuation factors of the different materials.

	OPC	50C	50C 0.5 KOH	50C 0.5 KOH KWG	50C 0.5 KWG	50C 2.3 KOH	50C 2.3 KOH KWG
a	0.392	0.507	0.781	0.773	0.398	1.078	1.165
b	−0.202	−0.435	−0.445	−0.462	−0.261	−0.361	−0.308
R^2	0.99	0.98	0.98	0.99	0.93	0.99	0.99

Reference

1. Glawe, C.; Raupach, M. Quantitative Analysis of the Alkali Transport During Chemical Re-Alkalization Using Laser-Induced-Breakdown Spectroscopy. *Corros. Mater. Degrad.* **2025**, *6*, 43. [CrossRef]

Check for updates

Received: 2 March 2026
Accepted: 4 March 2026
Published: 6 March 2026

Copyright: © 2026 by the authors. Licensee MDPI, Basel, Switzerland. This article is an open access article distributed under the terms and conditions of the Creative Commons Attribution (CC BY) license.

Disclaimer/Publisher's Note: The statements, opinions and data contained in all publications are solely those of the individual author(s) and contributor(s) and not of MDPI and/or the editor(s). MDPI and/or the editor(s) disclaim responsibility for any injury to people or property resulting from any ideas, methods, instructions or products referred to in the content.