

Detoxified spent pot lining as (alumino)silicate source for composite cement and autoclaved aerated concrete

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Supplementary information

The X-ray diffractograms of the cement pastes are provided in this document. Figure S1 compares the hydration products of the quartz filler and SPL containing pastes at 7 and 28 days. The hydrate phase assemblage is the same for both samples. The full diffractograms are provided in Figure S2 for completeness and transparency.

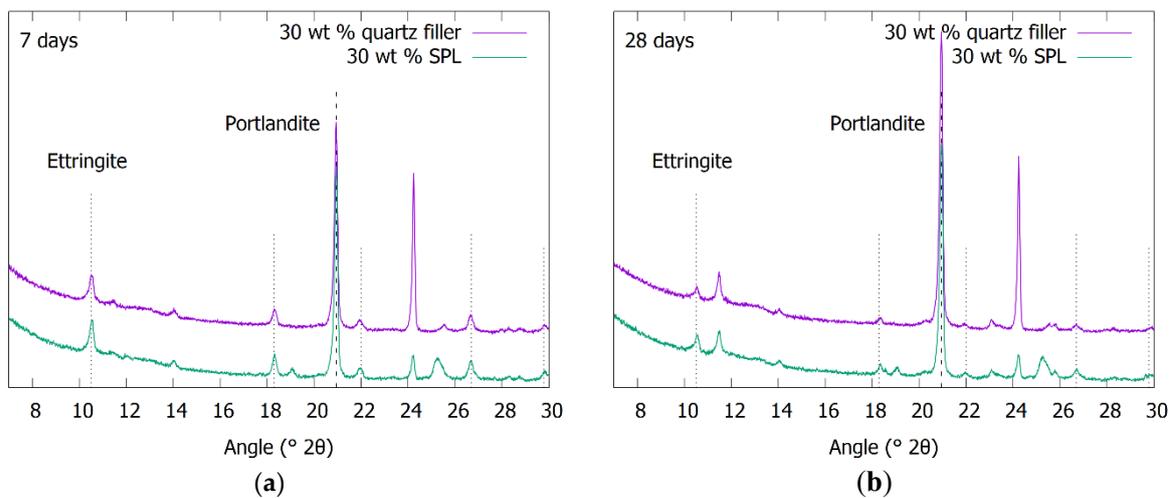


Figure S1. Comparison of the diffractograms of cement pastes with 30 wt% spent pot lining aluminosilicates and 30 wt% of quartz filler at (a) 7 and (b) 28 days.

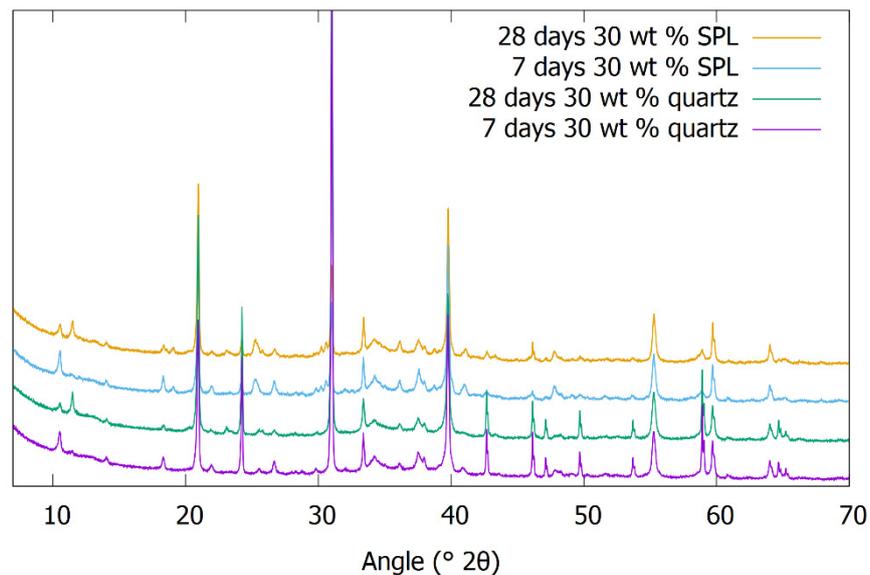


Figure S2. X-ray diffractograms of the samples with 30 wt % quartz filler and 30 wt % spent pot lining aluminosilicates at 7 and 28 days.