

Supporting Information

Surface Modification of Cured Cement Pastes by Silane Coupling Agents

Andrew Stewart, Brett Schlosser, and Elliot P. Douglas

Department of Material Science and Engineering, University of Florida, United States

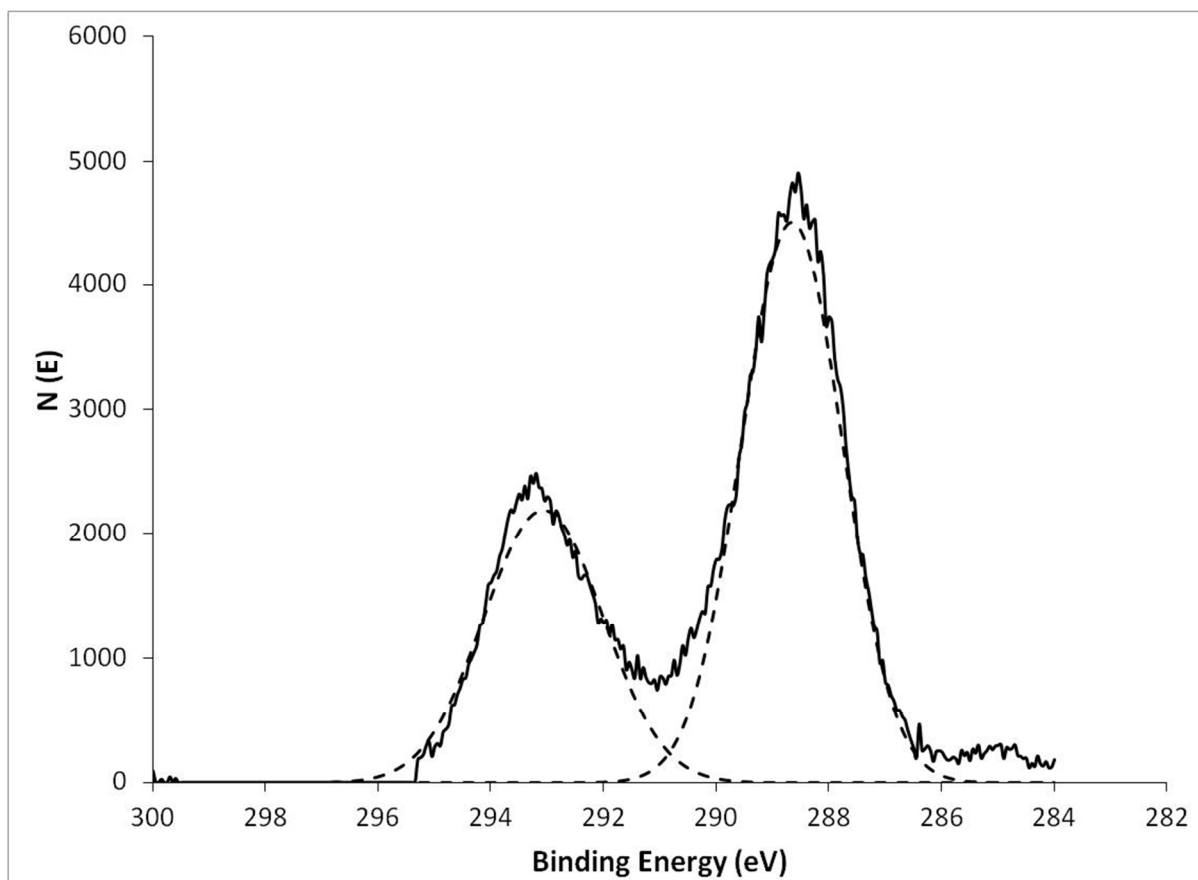


Figure S1. C1s electron orbital XPS spectrum of untreated cement paste. Solid line is the experimental data, dotted lines are the peak fits.

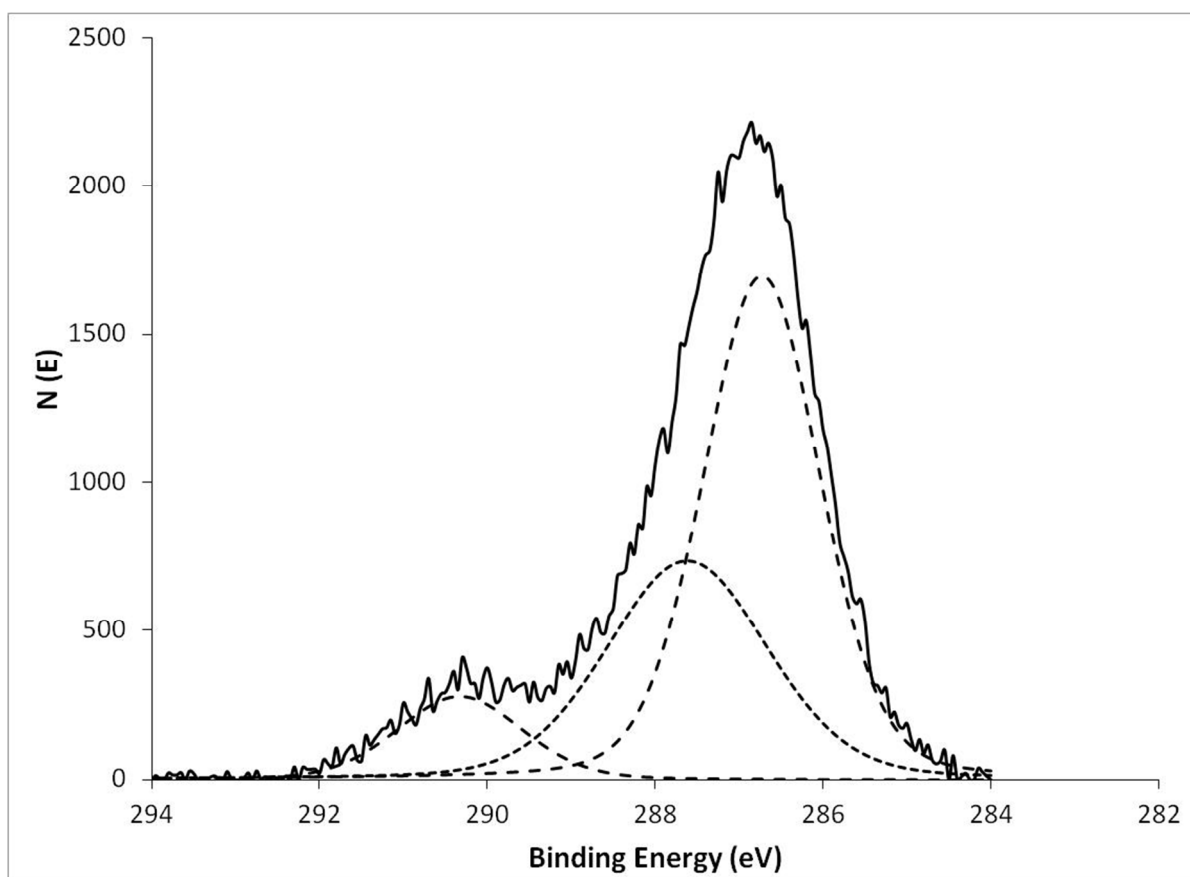


Figure S2. C1s electron orbital XPS spectrum of ATEPS treated cement paste. Solid line is the experimental data, dotted lines are the peak fits.

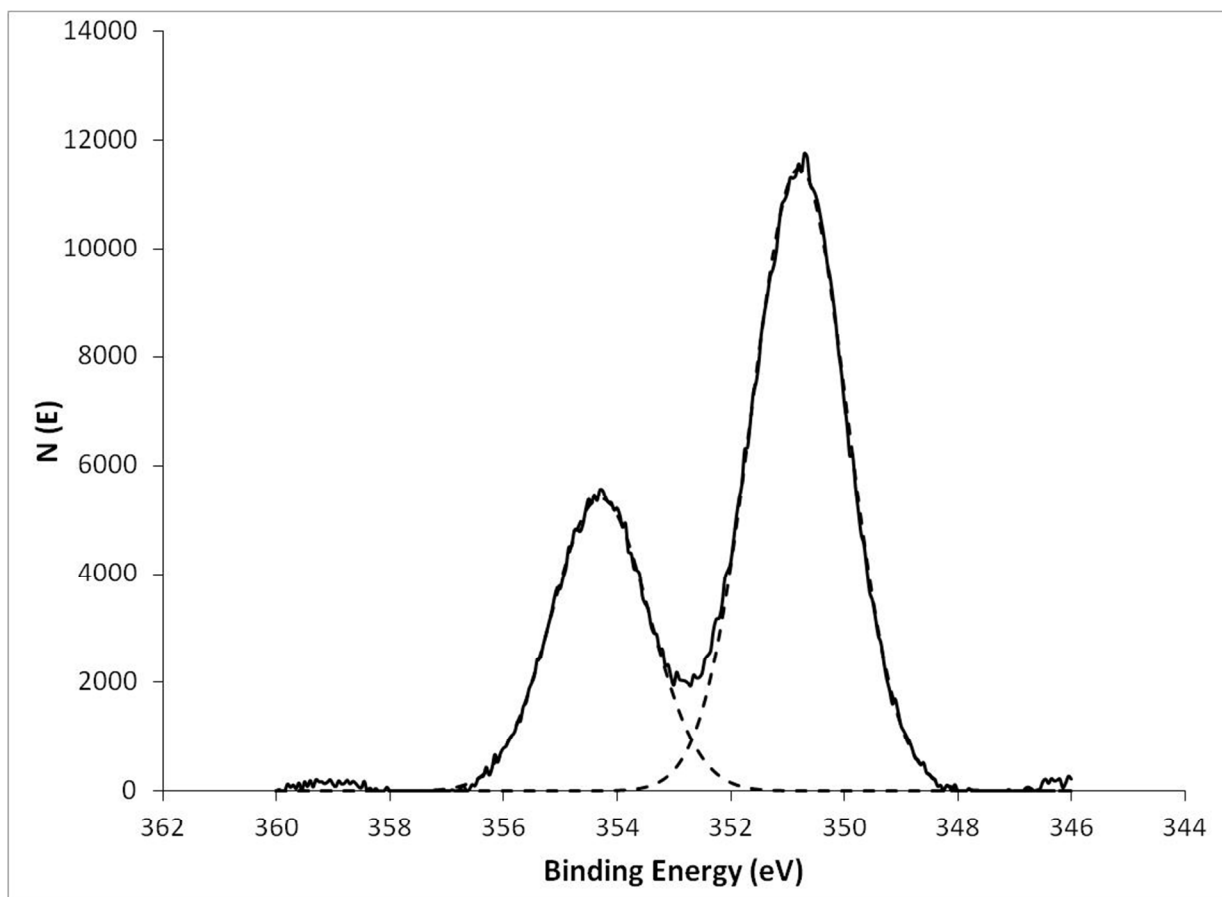


Figure S3. Ca_{2p} electron orbital XPS spectrum of untreated cement paste. Solid line is the experimental data, dotted lines are the peak fits.

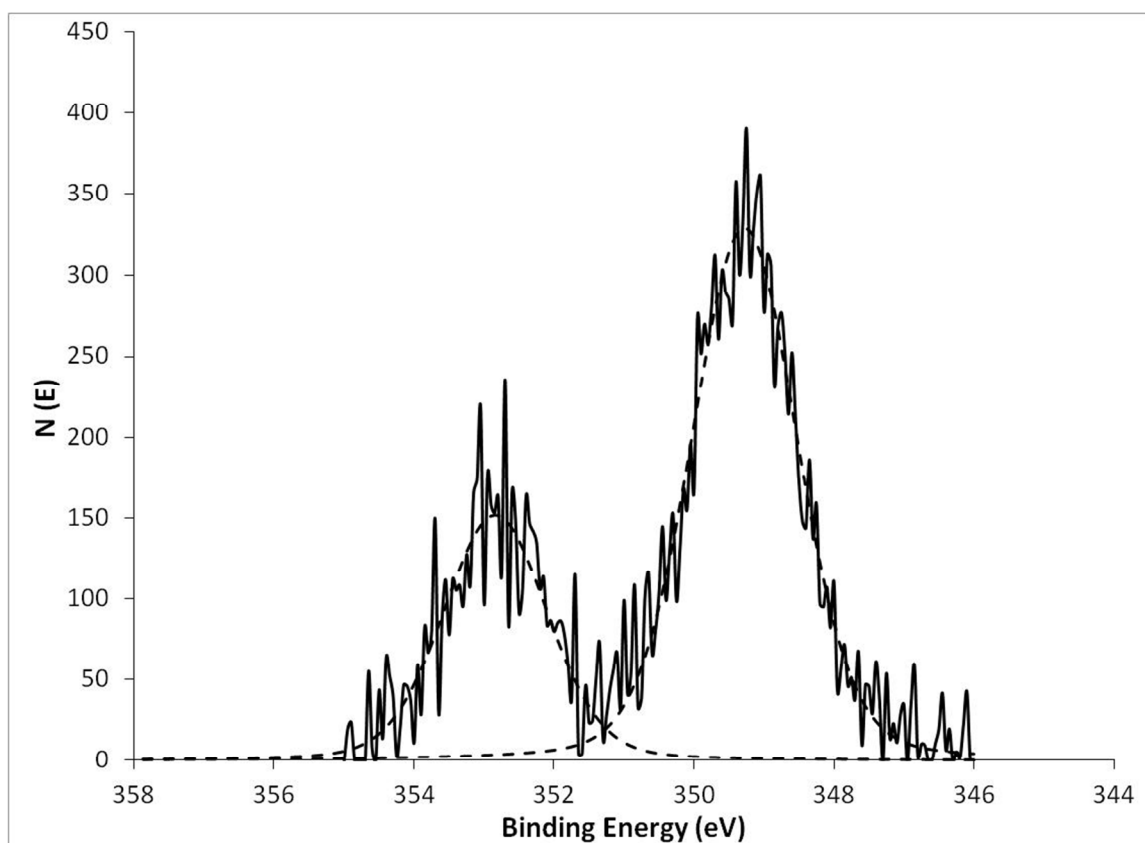


Figure S4. Ca_{2p} electron orbital XPS spectrum of APTES treated cement paste. Solid line is the experimental data, dotted lines are the peak fits.

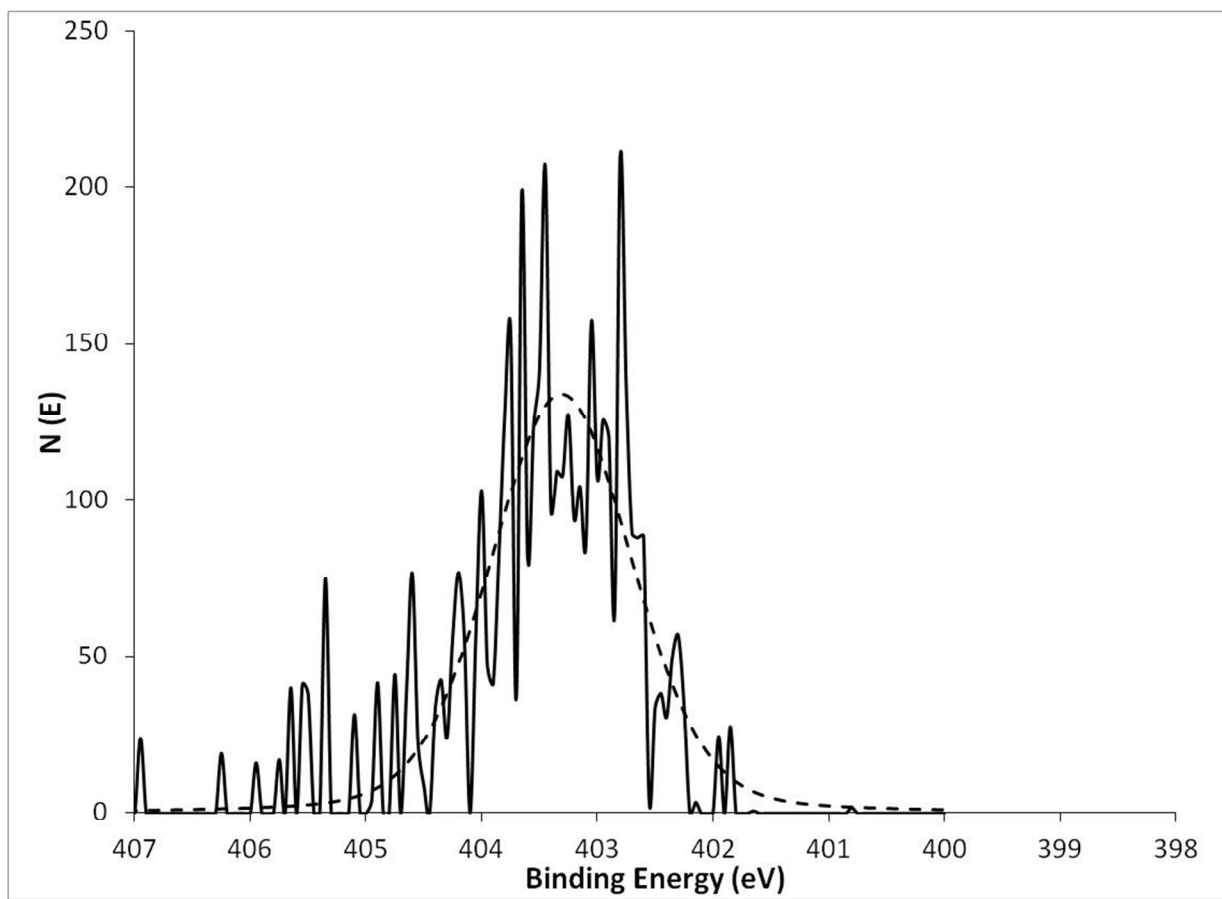


Figure S5. N1s electron orbital XPS spectrum of untreated cement paste. Solid line is the experimental data, dotted line is the peak fit.

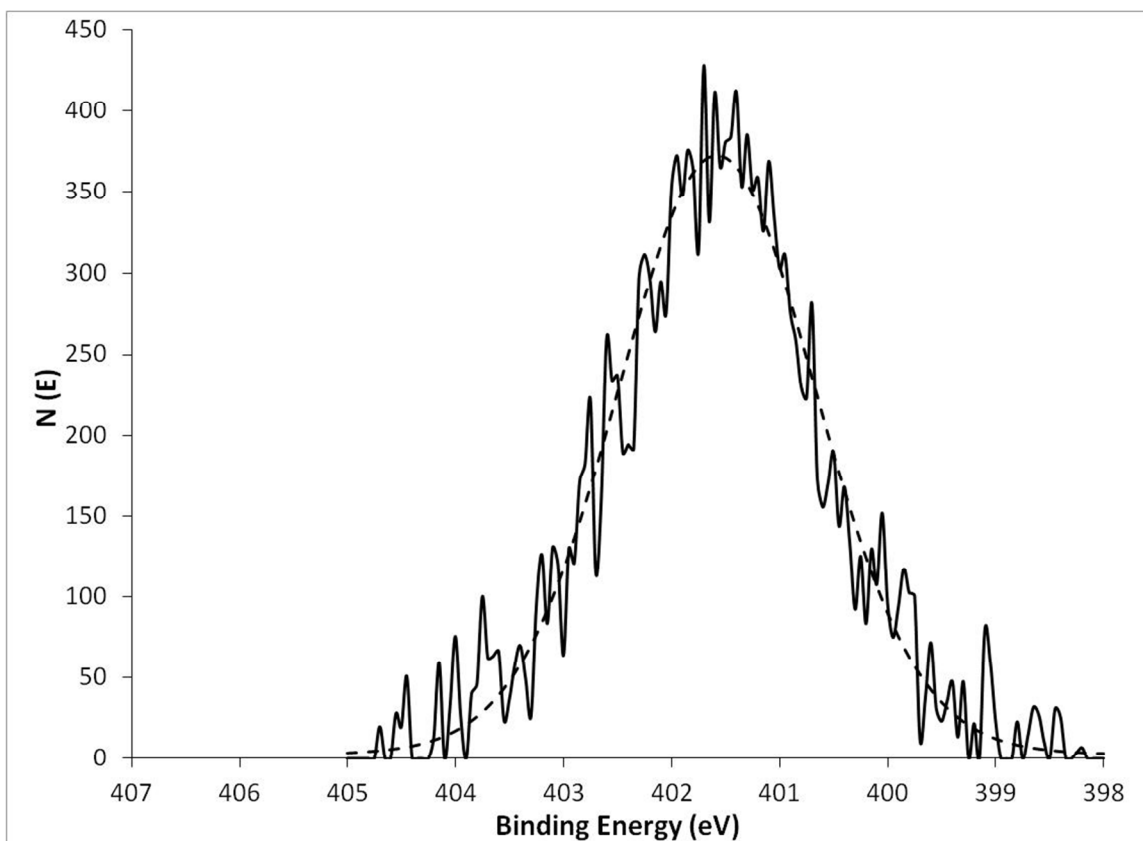


Figure S6. N1s electron orbital XPS spectrum of ATEPS treated cement paste. Solid line is the experimental data, dotted line is the peak fit.