

Table S1. Monthly average of Humidity Rate (%) during the experiment.

M 1	M 2	M 3	M 4	M 5	M 6	M 7	M 8	M 9	M 10	M 11	M 12
75.0	76.1	75.6	75.4	72.1	74.7	73.4	71.9	71.8	71.5	70.3	74.6

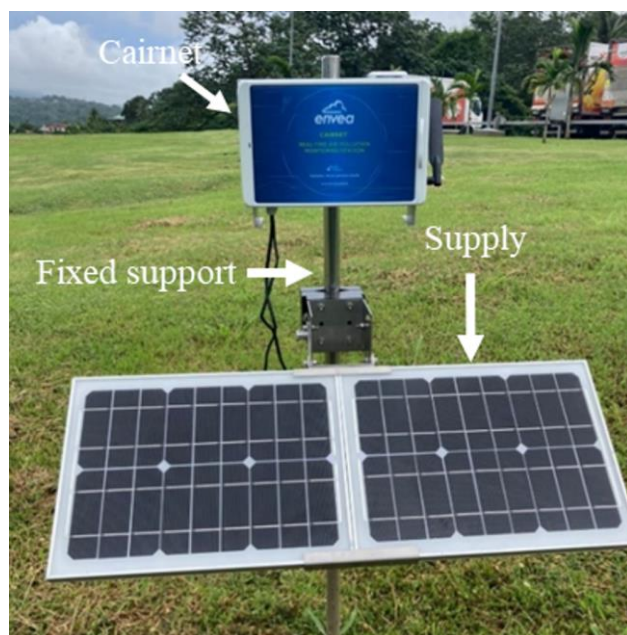
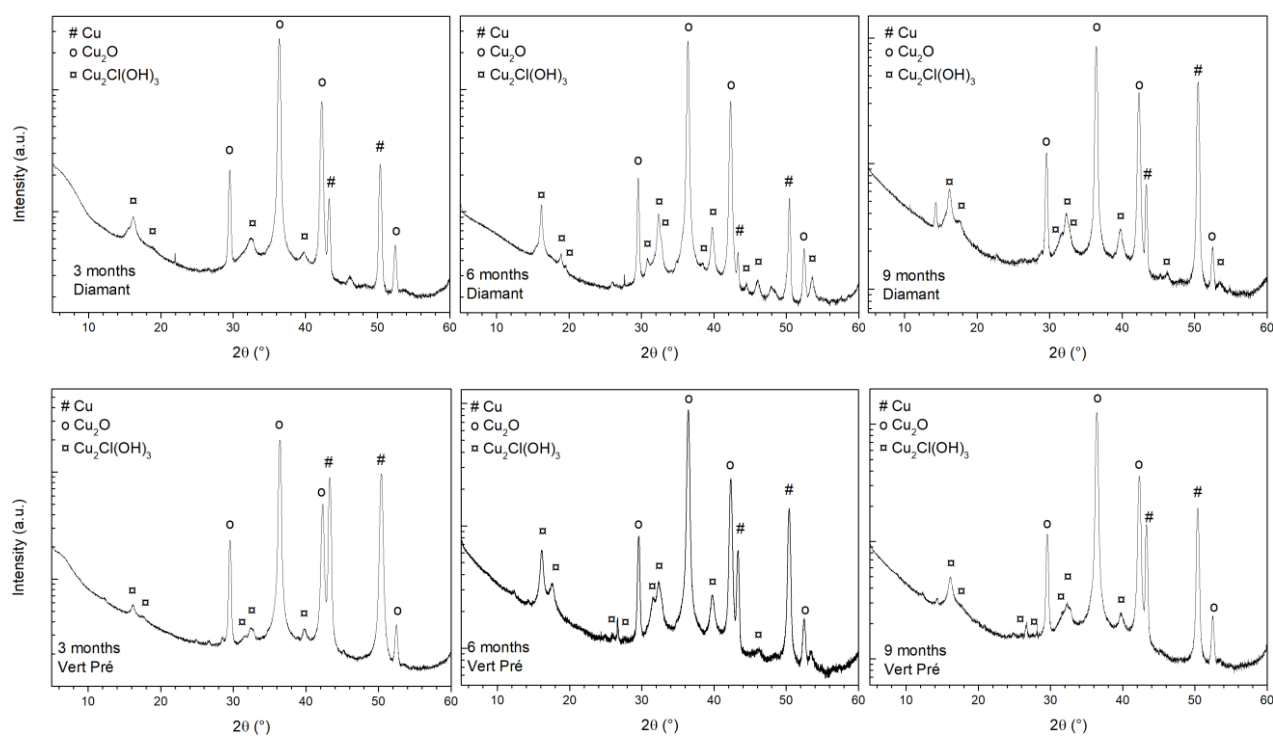


Figure S1. Photograph of Cairpol sensor system.



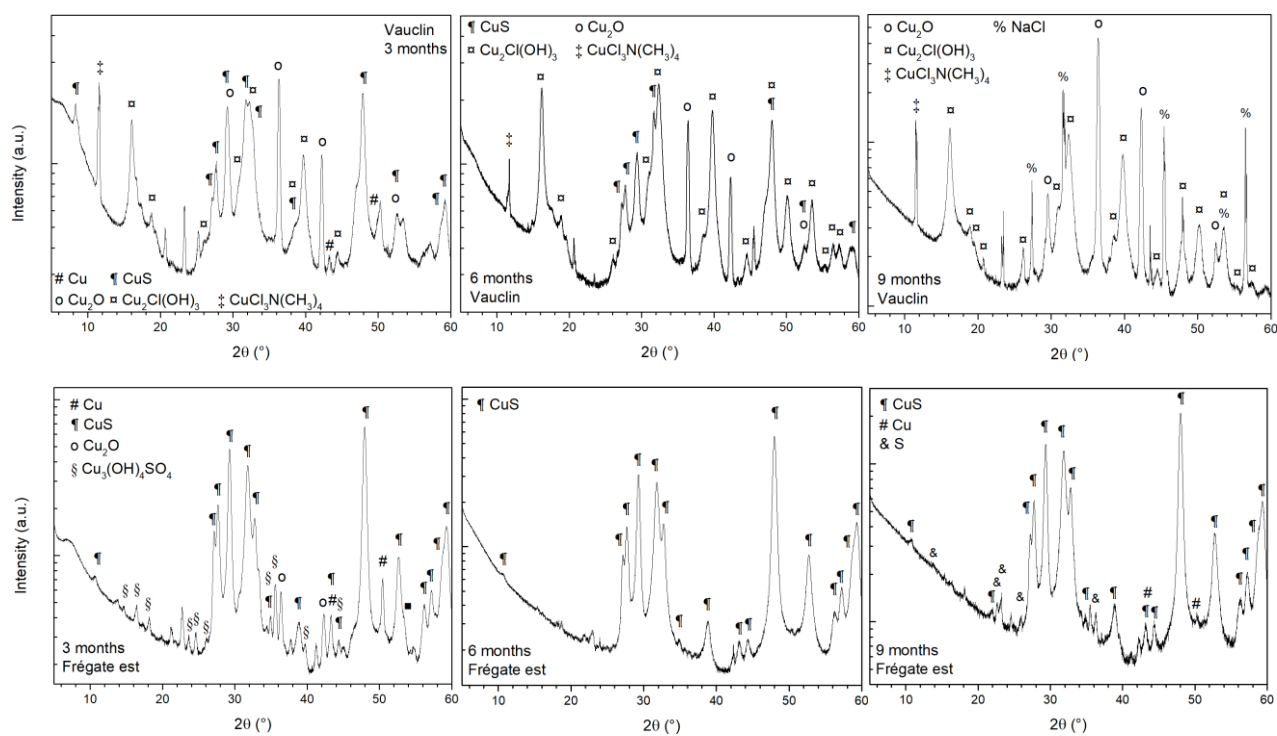


Figure S2. XRD patterns obtained for samples exposed in Diamant, Vert pré, Vauclin and Frégate est from 3 to 9 months.