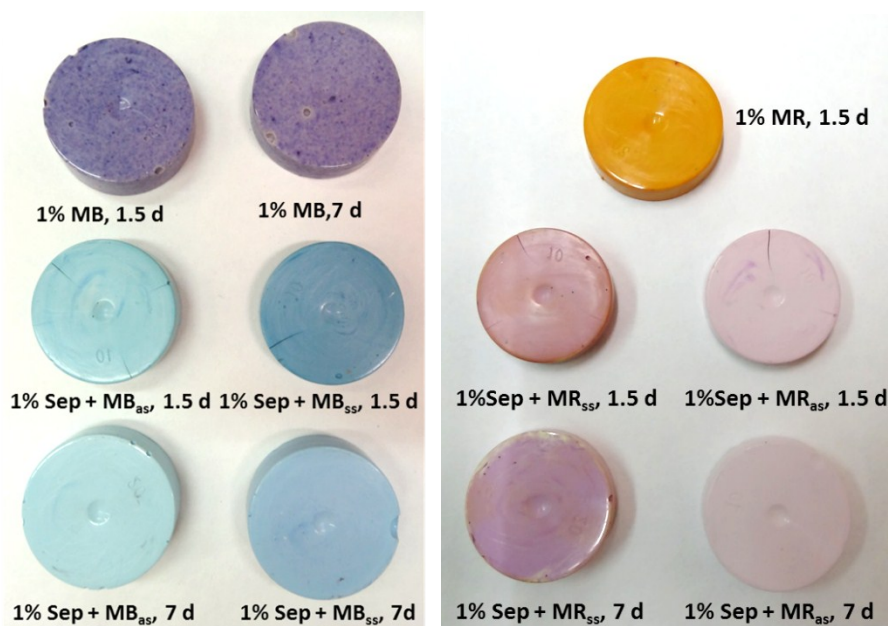
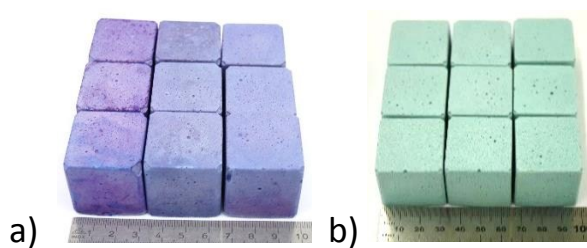


## Electronic Supplementary Information



Supplementary Figure 1. Geopolymer (G) colored with not encapsulated dye (top row) and with sepiolite-dye composite pigments (middle and bottom rows) with the aqueous solution (left) and the solid state (right) method after 1.5 and 7 days. The left and right pictures are for MB and MR, respectively.



Supplementary Figure 2. Set of geopolymer left control, centre light UV test, pH 2 conditions, a) 0.5% MB, b) 1.2% sepiolite + MB<sub>as</sub> (equivalent to 0.2% MB)