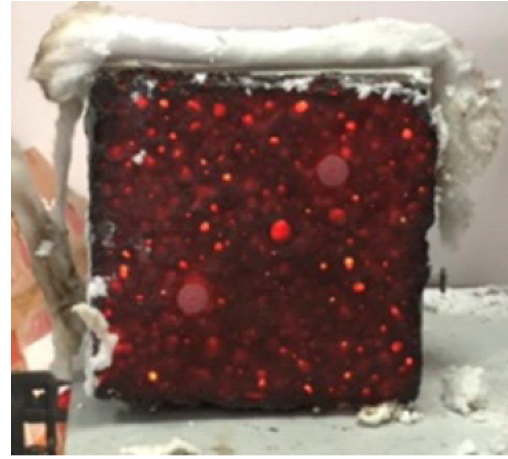


IDEAL



Industrial Residues for Smart Fire-resistant Photocatalytic Components



A CULTURE OF INNOVATION

The ultimate scope of this project includes (a) the transformation of mining and smelting industrial residue through geopolymerization into geopolymer components for the construction sector, (b) the pilot production of the materials with different technologies either through precast (conventional technology) or 3D-printed boards (innovative cutting-edge additive manufacturing approach) aiming to a substantially reduced cost (at least 50%)

