

Method for manufacturing paving slabs involves mixing the dry components, mixing the plasticizer with water and adding them to the mixture, stirring the mixture until a pliable and homogeneous mass is obtained, distributing the resulting mixture into molds, compacting the mixture on a vibrating table, and, after the mixture has hardened, removing the finished slabs from the molds. Coffee waste is used as one of the components; it is calcined at a temperature of 200 to 250 °C for 20–30 minutes. The components of the mixture have the following composition, in the following proportions (by mass, %):

M500 cement	18.9
sand, 0–2 mm fraction	42.6
crushed stone, 5–10 mm fraction	29.6
coffee grounds, moisture content 10%	1.8
water	6.6
plasticizer	0.5.