



## Title

**ECO- INNOVATIVE CONCRETE BASED ON CEMENT AND RECYCLED WASTE GLASS AND PET (POLYETHYLENE TEREPHTHALATE) FOR APPLICATIONS IN CONSTRUCTION "BESTiPET"**



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## Patent/ Application number

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## Short presentation

The invention relates to the obtaining of a NEW ECO-INNOVATIVE, SUSTAINABLE CONCRETE, based on cement and recycled waste in the form of artificial glass aggregate and PET flakes (polyethylene terephthalate), as raw material, which successfully replace the non-renewable natural aggregates (waste involving high storage and storage costs). The ECO-INNOVATIVE CONCRETE was made within the research-development-innovation project - "CHECKS OF INNOVATION" 266 CI / 2018 in order to develop the smes, where the beneficiary company, NEW NCR RECICLARE S.R.L. becomes the final recycler. the beneficiary of the research having the main activity object: collection, recovery of the waste and concrete products manufacturing, obtained the Technical Approval NO. 001SC-02/635-2019 for alveolar concrete blocks for the purpose of commercialization.



## Applicability

In the field of constructions such as, for example, ALVEOLAR BLOCKS, BRICKS, BOLTS, etc.



## Images

