



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

🔧 **Inventor/s - Contact**  
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🔧 **Patent/ Application number**  
PATENT APPLICATION OSIM: A 00542/09.09.2019

🔧 **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**

