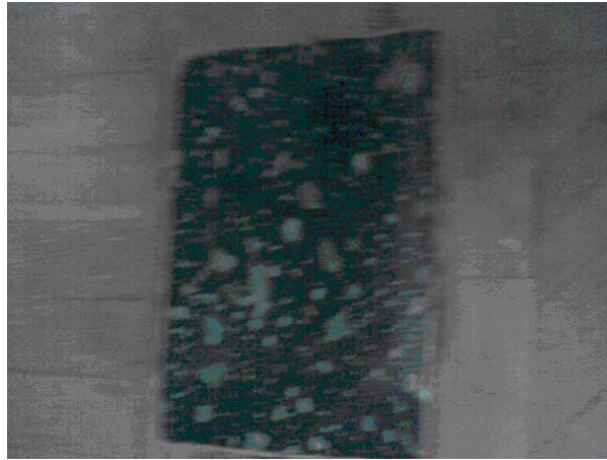




COVERING MATERIALS



The surface of processed off-grade basalt

Description:

Project comprises manufacturing facing coatings from natural (porous) stones.

Georgia is rich with basalt stone deposits. These deposits contain both the homogeneous and defective fragments. Therefore at extraction of this mineral and following sawing both valid and off-grade (resin containing) materials are obtained.

Innovative Aspect and Main Advantages:

Filling of off-grade basalt and porous stones with some polymer materials, and following processing, leads to formation of the material consisting of a natural stones and the filler fragments.

The presented method ensures the essential growth of the resources of the facing materials, the economy of expensive facing materials, the maximal usage of natural stones.

Areas of Application:

The consumers of this innovation will be the building enterprises.

The proposal can bring the profit from the beginning. Proposed efficiency depends on the production extent.

Stage of development:

Samples are already made in small quantities.

Contact details:

Iv. Javakhishvili Tbilisi State University,
Faculty of Exact and Natural Sciences
Macromolecular Chemistry
3, Chavchavadze av., 0128, Tbilisi, Georgia
V. Achelashvili, R. Chedia

Tel.: + (99532250475); Fax: +(99532250475)
(899163093),

E-mail: omarimu@yahoo.com