

## **Use of Utilized Expanded Clay Waste in Sealing Bituminous Mastics**

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**Abstract:** The influence of expanded clay waste on the physicomechanical and thermotechnical properties of bitum composites is studied. A description of the mechanism of the interaction of expanded clay dust with bitumen in the processes of heating and dissolution is given. The performance characteristics of cold and hot bituminous sticks filled with expanded clay waste are compared. A composition of bitumen mastics with enhanced technological and operational characteristics is proposed.