

Cost-Effectiveness and Ecological Safety of Exterior Insulation in Conditions of Tambov Region

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Abstract: Cost-effectiveness of extra insulation of exterior walls of brick 8-12-storey blocks of flats in Tambov is calculated. Estimation of forecasted cost-effectiveness and ecological safety due to reduction in emission of greenhouse gases in CO₂ equivalent as well as selling quotas to foreign investors is made. Heat energy saving in case of extra insulation of exterior walls of industrial buildings and dwellings of Tambov is projected. Ecological safety of some polymer insulators is evaluated on the basis of energy equivalent index.