

DURABILITY INCREASE OF POLYSTYRENE PAINTS WITH INTRODUCTION OF ORGANIC MINERAL ADDITIVE INTO THEIR COMPOSITION

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ABSTRACT

Provides information on the use of additives in the formulation organomineralnoj polystyrene paints. Shows the effect of additives on organomineralnoj viscosity change colors, the critical pigment volume concentration, change in the rheological and technological properties of paints and performance properties of coatings on their basis. The increase of elastic deformations film samples prepared using organoclays. Set to reduce the time of grinding paint when administered ornomineralnoy supplements, a significant decrease paint consumption per square meter of finished surface.

KEYWORDS: Organoclay, Polystyrene Paint Viscosity, Time of Grinding, Elastic Properties, Resistance