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PRODUCTS OR MACHINERY

New glass frosting paste. The method of glass frosting developed by us differs substantially from traditional methods by the composition of paste, by the conditions of matting process, and by the specific feature of the appearance of the resulting glass surface.

This specific feature is that the milk-coloured frosted image is created in the subsurface layer of glass, and the glass surface remains smooth to the touch. The image has high resolution and can be drawn through a stencil, with a brush or using a silk screen printing stencil. The glass frosting process by the new paste includes the next stages: - glass washing and degreasing; - the frosting paste laying on the glass by the brush, squeegee, other suit tools including the possible using of the stencil or the silk-screen stencil form; - removing of the stencil if it is used in previous stage; - thermal treatment of glass with the frosting paste layer at the temperature approximately 300 0 C during 15-20 minutes; - simple removing of the dry paste layer by washing in water.

Company Profile of **Institute of Solid State Chemistry**

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