

Flakes and their use for decorating glass, porcelain and ceramic items whose walls are vertical

Abstract

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The invention relates to flakes which are suitable for decorating items made from glass, porcelain and ceramic materials with vertical walls.

- 10 The flakes are essentially composed of an organic binder system and a vitrifiable inorganic substance which forms the decoration; in general, 10 to 40 wt.% of binder, 50 to 90 wt.% of an inorganic substance based on a glass-forming product and/or pigments and/or metal oxides and 0 to 15 10 wt.% of additives.

Production of the flakes includes the production of a paste, the formation of a film or wafers, polymerisation and shredding.

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For the decorative effect, the flakes are applied to the item to be decorated and fired at temperatures between 500 and 1450°C.

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