ABSTRACT

The invention relates to a chemical process for obtaining glass with a total or partial satin/matt finish, comprising immersion in an acid solution, for the simultaneous and continuous production of one or more parts and/or sheets of glass having standard, special or variable dimensions, thicknesses, colours, uses and applications. The inventive process can be used to obtain glass with a total or partial satin/matt finish in a simultaneous and continuous manner either on one or both sides of the glass (atmospheric side and tinned side) or of several glass sheets and/or parts at the same time, with different thicknesses, measurements, colours, uses, specifications and characteristics, said process being performed simultaneously by means of immersion. According to the invention, containers of glass sheets are immersed in containers of chemical solutions using a variable-speed transport immersion crane. The aforementioned containers are encapsulated such that the process can be controlled fully (safety, quality and environment). The inventive system also comprises a drying chamber. The purpose of the process is to enable the versatile, cost-effective, efficient, productive production of a glass with a total or partial satin/matt finish, having the above-mentioned characteristics and using different types of glass, with improved quality on one or both sides thereof, while guaranteeing full physical and environmental safety, since each of the operations in the process is fully and safely controlled.