ABSTRACT

The invention relates to a chemical process for obtaining anti-reflective glass, 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 an anti-reflective finish in a simultaneous and continuous manner on both sides (atmospheric side and tinned side) of the glass sheet or of various different glass parts and/or sheets. Said process comprises the use of containers of glass and containers of chemical solutions which are covered with special polymer or resin in order to prevent attack from the chemical solutions used in the process. The aforementioned chemical solutions containers are encapsulated such that all of the factors involved in the operation can be controlled and ensured. The invention also comprises the use of a variable-speed chain hoist which is used to transport, convey, and immerse the containers of glass sheets into the containers of chemical solutions. The purpose of the invention is to use a novel method in order to obtain an anti-reflective glass which exceeds the characteristics of anti-reflective glass obtained using known methods, with increased productivity and quality and less physical and environmental risk since each of the operations in the process is fully and safely controlled.