

ABSTRACT

CERAMIC DOORS AND BOARDS AND APPLICATIONS THEREOF

A ceramic board 1, of at least cement and gypsum, preferably in the proportions 1:10, and can include additional filler material in the composition. The board is used for various applications including as a door panel 31 or cabinet door 81. The board 21 can have channels, grooves, honeycomb, corrugations, or protrusions 22 extending along one or both faces which help to lighten the board whilst retaining rigidity, and which can have filler material 103 provided therein. The board 31 can have mounting points 35 for hinges or a lock, and can have internal strengthening members 142a,b,c within the material of the board. The ceramic door can be used as a sliding door or partition 134. The board or door can have an edge protector, which can be internal 153 or external 112. An end of the board can form a recess 184 for cables, pipes etc, which can be formed by internal strengtheners protruding from the end of the ceramic material (Figs 18a, 18b). The board can have an internal frame or skeleton embedded within the ceramic material.