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TITLE**USE OF INSULATING MATERIAL OFF-CUTS FOR
FIRE RATED DOOR AND STRUCTURES****Abstract**

A new method of arranging insulating material in fire resistant structures such as doors, panels, walls and partitions is described, together with a method of fabricating a fire door according to the present invention. The present invention advantageously allows cut-offs of insulating material to be used while requiring less insulating material to meet desired fire resistance ratings. As such, the present invention reduces cost of manufacturing fire resistant structures without compromising on the protection offered by such structures. In particular, the present invention teaches the fabrication of a fire door using cut-offs of insulating materials.

FIG. 2A accompanies the abstract.