



Sealmaster Fire Face

Part of the Dixon
International Group Ltd
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Introduction

Upgrading doors' fire resistance to 30 minutes gives vital extra time for people to escape the building and for the emergency services to arrive. It also reduces the potential for damage by fire, smoke (and water). The challenge has been how to achieve this without replacing doorsets or 'fletching' (splitting door leaves sectionally, sandwiching incombustible boards within and reassembling them - a costly and highly intrusive method. Sealmaster's new Fire Face membranes offer the first non-intrusive, undetectable and fully reversible solution.



The Product

Fire Face is a thin membrane which is adhered to both sides of thinner or jointed timber door panels and to timber wall panelling to provide up to 30 minutes' fire resistance. Fire Face can later be removed without damaging the fabric of the timberwork.

The Fire Face membrane contains a thin layer of reinforced intumescent material, developed by Sealmaster for this application. During a fire, the intumescent compound swells and chars, insulating the surface of the timber beneath and retarding the effect of heat on the door's integrity. Between the intumescent layer and the timberwork, a specialised woven layer ensures that even if the panel fissures under intense heat, the risk of 'flaming' is avoided. (Flaming takes place when hot gases escape through a panel and combust on the unexposed face.)

Application

Fire Face is easily applied without damaging the fabric of the door. It can be fixed beneath or between beads and mouldings. A solvent based contact adhesive is available.

Small gaps and joins are made good with Sealmaster Masterseal - a gun applied intumescent compound which can be decorated with emulsion or oil-based paints to match in. Fire Face can also be stained or veneered.