

DNA

PRODUCTS

Insulated Fire Door Brochure



DNA Products Isothermal Hinged Fire Rated Doors are insulated doors which stand out from other traditional doors due to their exceptional build quality, robust design and competitive pricing.



They offer practical and professional solutions to meet door requirements needs in hotels, restaurants, catering businesses, shops and commercial/ industrial premises.

They are tested according to standards EN1363-1:2012 and 1634-1:2014, this door is re-rated during 1H30 (EI2-90*).

Due to the practical conception in assembly and operation, they are specifically recommended for:

- Restaurants
- Fast Food outlets
- Retail premises
- Industrial and commercial applications

Specification

The frame and counter frames are manufactured in A-304 stainless steel.

The door blade is manufactured out of an insulated rockwool panel wrapped in 2 sheets of galvanised steel to create a solid 120mm thick door.

Furniture on the door consists of high quality polyimide hinges with lift ramp, an industrial polyimide three-point lock which can also be opened from inside for safety.

The gaskets on the door are manufactured from a flexible and resistant co-extruded silicon (3 sided) with a sweeper gasket on the bottom of the door blade to aid sealing.

Our Fire Doors have been designed to be installed onto insulated panels or blockwork/brickwork.

Options

- Facing of the Stainless Steel leaf (thickness 80/100e).
- Door Closers in grey, white or Stainless Steel painted arms.
- Vision Panel – Oculus 350×550 mm restop with triple glazing 86 mm thick.
- Door blade protection in Stainless Steel.

The tests were carried out by Laboratoires Efectis France, specialising in fire safety and a major player in the field of fire science.

The tested Fire Rated Door is a positive isothermal hinged door, with Stainless Steel siding on the leaf, a triple glazed oculus, and a door closer.

The fire resistance tests were conducted in April 2017 based on the following standards:

EN 1363-1: 2012 and 1634-1: 2014

The door was mounted in a flexible support construction standardised sandwich panels installed in a 200mm thick concrete frame.



The fire classification achieved during the tests are:

EI2-90 is firebreak 1 hour 30 minutes when the direction of the fire is the opposite side to the hinges.

EI2-60 is fireproof 1 hour when the door is equipped with an Oculus and the direction of fire is the opposite side to the hinges.

EI2-30 is firebreak 30 minutes when the direction of the fire is the side of the hinges.

Contact our expert sales team for more information

— Have a Question? —

Please take your time to have a look at all our products around our website. If you have a question do not hesitate to contact us on:
01472 361 601 or sales@dna-products.co.uk

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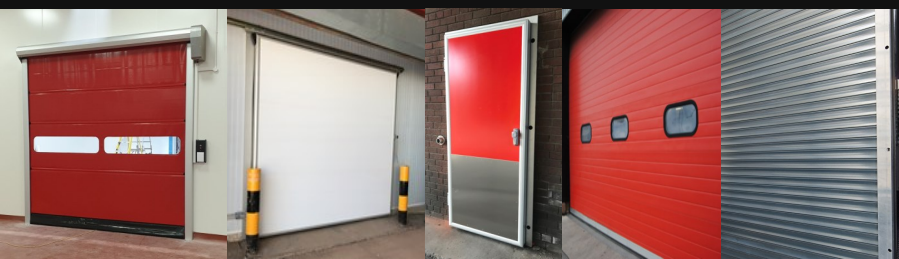
PRODUCTS

We supply, install, and maintain a wide range of products including Insulated Doors, High Speed Doors, Dock Levellers and Shelters, Coldrooms, Insulated Panels, Modular Shelving and many more. We have over a hundred years of experience in the industry between us and have worked with many different products giving us a wide range of knowledge and skills. We aim to supply a reliable service at the best possible prices.

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