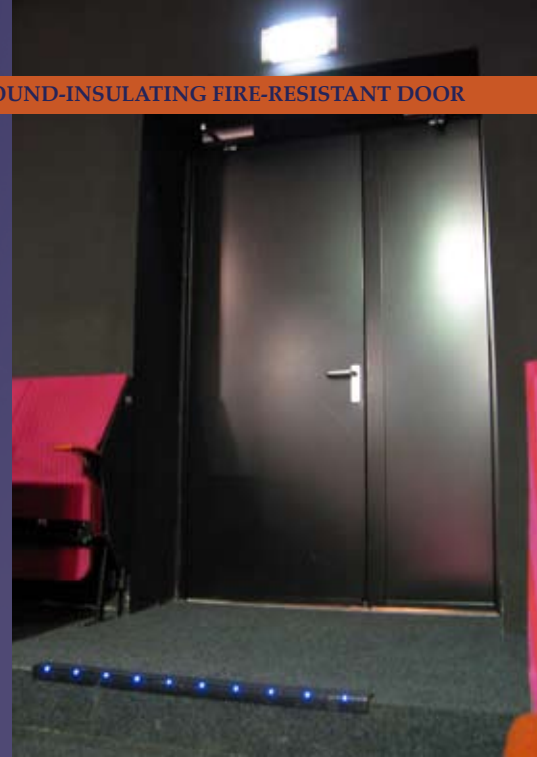


MFT-TYPE SOUND-INSULATING FIRE-RESISTANT DOOR

The MFT-type sound-insulated fire-resistant door combines a high sound insulation value with 120-minute fire resistance in accordance with the latest EN 1634-1 standard, making it ideal in situations requiring a combination of strong soundproofing and fire resistance.

$$R_w = 49 \text{ dB}$$




120 minutes fire resistance



Applications

MFT doors are suitable for use as either inside or outside doors. Examples include discos, cinemas, multi-purpose centres and machine rooms.

Available in combination with:

-  Burglar proofing
-  Escape door features
-  Suitable for ATEX environments

Certification

- Air permeability class 4 according to EN 12207 and Class A1/A2 NEN-EN 12152.
- Watertightness Class 8A in accordance with EN 12208.

Dimensions

Door thickness = 75 mm

Every door produced by Merford is customer-specific; the dimensions can be adapted within the limits to suit the construction requirements exactly.

Single-wing

Max. Width = 1230 mm

Max. Height = 2565 mm

Double-wing

Max. Width = 2600 mm

Max. Height = 2565 mm

Sound insulation value

The values provided were taken in a laboratory, using a single-wing door.

Insulation values were measured in accordance with the EN ISO 140 - 3 standard, report no. 2007-1123.

$R_w (C, C_{tr}) = 49 (-1, -4) \text{ dB}$

$R_a \text{ pop} = 44 \text{ dB}$

$R_a \text{ house} = 35 \text{ dB}$

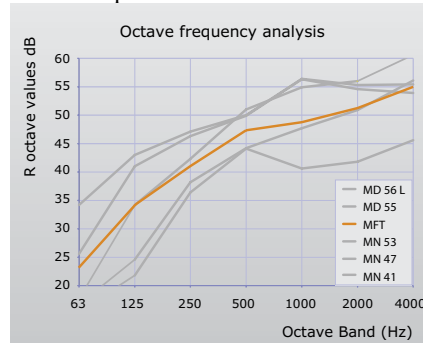
Fire resistance

The MFT door offers 120 minutes of fire resistance in accordance with EN 1634-1. The fire testing was carried out by Exova Warringtonfire in Ghent on both the single-wing and double-wing doors. Dimensions beyond the maximum standards are not covered by the certificate.

Composition

MFT Merford doors are double-walled and made of Sendzimir galvanised sheeting in a range of thicknesses, with internal insulation, absorption and antidrum materials.

The door leaf is fitted with three built-in galvanised steel hinges with stainless steel pins and comes with a 2-mm



Geluidsisolatiewaarden

DOOR TYPE MFT

Fire resistance and sound insulation combined in a single door

FEATURES

- Durable
- Strong/solid
- Many options available
- Available in colour

APPLICATIONS

- Culture & Entertainment
- Hospitality sector
- Industry
- Schools/universities



Fire resistance

120 min according to EN 1634-1



Sound insulation

See chart



Air permeability

Class 4: NEN-EN 12207



Watertightness

Class 8A: NEN-EN 12208





Sendzimir galvanised steel frame.

Finishing

The standard finish for the door and frame is a 2-component primer, with optional lacquering in an RAL colour of your choice

Fittings

Doors can be fitted with:

- BKS door lock, type 2338
- Anti-panic lock with pushbar
- Door limiter/door spring
- Espagnolette lock
- Window

Other options on request.

Models

Merford doors are available as single or double-doors, with or without an intermediate stile. Doors can be made either left or right-swinging.

Other options on request.

Installation

In order to ensure optimum performance of our doors, Merford offers VCA** certified installation teams, whose tools and equipment are monitored periodically according to safety requirements.

Custom doors

Merford offers a wide range of custom solutions in terms of shape, size and fittings. Please contact us for more information.

Quality

Merford manufactures according to the quality standards of the VMRG (the Dutch Association of the Metal Windows and Façades Sector). All product-specific features can be demonstrated by a valid certificate.

Guarantee

Five-year guarantee on construction

Five-year guarantee on lacquering (finishing)

two-year guarantee on fittings.



MFT door Concert hall de Kreun, Kortrijk



MFT door European Parliament, Brussel

Construction documents

The specifications and technical drawings for this door can be downloaded from our website:

www.specialdoors.nl

Disclaimer

The recommendations in this product information leaflet have been made as fully and correctly as possible, however they are not a guarantee. If in doubt, please consult one of our specialists