

MN 47 / MN 53 SOUND-INSULATING DOOR

The MN 47 and MN 53 sound-insulating doors are suitable for environments requiring medium to high levels of sound insulation.

$$R_W = 47 \text{ dB(A) or}$$

$$R_W = 53 \text{ dB(A)}$$






+ Fire resistance as a standard option



Applications

MN 47/53 doors are suitable for use as either inside or outside doors. Examples include meeting rooms, bars, theatres and conference centres

Available in combination with:

-  Fire resistance
-  Ballistic resistance
-  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 = 1435 mm
Max. Height = 3010 mm

Double-wing

Max. Width = 2905 mm
Max. Height = 3010 mm

Sound insulation value

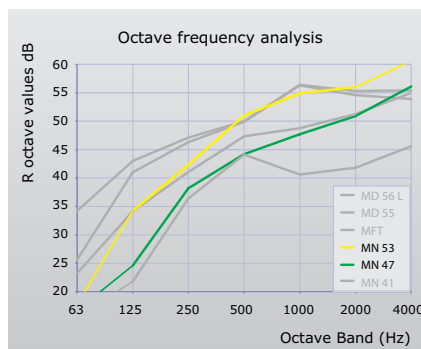
The values provided were taken in a laboratory, using a single-wing door.

Insulation values were measured in accordance with the EN ISO 140 – 3 standard, TNO report nos. RPT-960125 and HAG-RPT-960126.

	MN 47	MN 53
R _w (C, C _{tr})	47 (-2, -8) dB	53 (-2, -6) dB
R _a pop	37 dB	42 dB
R _a house	28 dB	30 dB

Composition

Merford MN 47/MN 53 sound-insulating doors have a double-walled door leaf, made from Sendzimir galvanised steel sheeting. The doors contain interior insulation material, and are supplied complete with frame (made of 2 mm sheeting). The MN 47 and MN 53-type doors are both fitted with a double-seal.



Sound insulation values

MN 47 / MN 53 DOOR

Suitable for higher sound insulation requirements

FEATURES

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

APPLICATIONS

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



Sound insulation

See chart



Air permeability

Class 4: NEN-EN 12207



Watertightness

Class 8A: NEN-EN 12208



NEN - EN 14351-1





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 1206
- 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.



MN 53 cinema Must See Groningen



MN 47 Studio de Zwijger Amsterdam

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