

SOUND-INSULATING DOOR WITH IMITATION WOOD FINISH

Doors made from wood have a natural limit when it comes to sound insulation. Steel doors with an imitation wood finish allow for higher insulation values while retaining the doors' aesthetic appeal.






Merford Special Doors coats its steel door leaves with a wood texture powder coating that is barely distinguishable from genuine wood. Our doors are even available with a true-to-touch woodgrain structure.



Applications

The sound-insulating door in wood finish is suitable as both an interior and exterior door. Ideal for offices, the catering industry, schools, cinemas, etc.

Available in combination with:

-  Fire-resistance up to 60 minutes
-  Bullet-proof
-  Burglar resistance
-  Emergency door function
-  Suitable for ATEX environments

Dimensions

Thickness of door leaf = 75 or 100 mm

Merford tailors every door to the customer's specifications; the dimensions depend on the structural situation.

Single-leaf

Max. width = 1435 mm
Max. height = 3010 mm

Double-leaf

Max. width = 2905 mm
Max. height = 3010 mm

Sound-insulating properties

The test values below are laboratory values, measured with a single-leaf door.

Insulation values were measured in accordance with EN ISO 140 - 3, TNO

report numbers HAG-RPT-960125 and HAG-RPT-960126.

The following models are available in imitation wood or print finishes:

Type	Sound insulation (R _w)	Fire-resistance (NEN 6069)
MN41	41 dB	-
MN47	47 dB	optional 30 min
MN53	53 dB	optional 30 min
MD55	55 dB	optional 30 min
MD56L	56 dB	optional 30 min
MF51	51 dB	60 min
MFT	49 dB	60 min*

* in compliance with EN-1634-1

Design

Merford imitation wood finish doors are provided with a double-walled door leaf in Sendzimir galvanised steel plate. The doors are provided with an insulation package and are delivered complete with frames (made from 2mm steel plate). Merford imitation wood finish doors have a single or double seal achieved by a rubber strip. For more details, see product sheets per type.

Finishing

The doors are painted with an impact and wear-resistant powder coating. We offer a choice of more than 600 different wood patterns. These sound-insulating doors can also be painted with other

DOOR WITH WOOD FINISH

Sound-insulating door with an imitation wood or print finish

PROPERTIES

- Higher sound-insulating properties than wood
- Durable
- Choice of many wood patterns and true-to-touch woodgrain structure
- Can be coated with a print of your choice

APPLICATIONS

- Offices
- Catering industry, discotheques, pop venues
- Multifunctional and cultural centres
- Manufacturing industry
- Schools and universities
- Cinemas and theatres



Fire-resistance

60 min according to NEN 6069 / EN 1634-1



Sound insulation

See table





prints, such as faces, animals and photographs. In addition to wood or an RAL colour, the designer/architect can choose from an unlimited range of pattern and print options.

Accessories

The doors can be provided with:

- BKS lock type 1206
- Anti-panic lock with pushbar
- Door limiter / door-closer
- Espagnolette lock
- Window

More options are available on request.

Models

Merford doors are available in single-leaf and double-leaf models, with or without mullions. Doors can be opened to the left or the right. More options are available on request.

Assembly

To guarantee optimal operability of our doors, we work exclusively with SCC** certified assembly teams. All tools and assembly equipment undergo periodic inspection in accordance with safety regulations.

Custom work

Merford offers a broad range of custom solutions in terms of shape, dimensions, metalwork and locks and handles. If you would like more information, please do not hesitate to contact us.

Quality

Merford production standards are in accordance with the requirements of the Metal Window and Curtain Wall Manufacturer Association [Vereniging Metalen Ramen and Gevels, VMRG]). Valid certificates are available for every product-specific feature.

Guarantee

Five-year guarantee on construction
Five-year guarantee on lacquering (finishing)
two-year guarantee on fittings.



Different wood patterns



Door with print

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