

# markus<sup>®</sup>

**Acoustic Sliding Doors**



**INTERDOOR**  
SPECIALIST INDUSTRIAL DOORS

**Acoustic Sliding Doors**  
**for sound reduction of**  
**up to *34dB***

***“Hear the Difference!”***

- Maximum w x h: 3500mm x 3500mm
- Maximum Sound Reduction: 34dB
- Door Thickness: 40mm
- Operation: Manual / Automatic
- Applications: Film / Recording Studios,  
Congress Halls, Concert Halls

315 Ideal Business Park, National Avenue, Hull, HU5 4JB

E: [service@interdoor.uk](mailto:service@interdoor.uk)

T: 01482 247 375

W: [www.interdoor.uk](http://www.interdoor.uk)

### MK1 Acoustic 34dB Sliding Doors

The **markus® Acoustic 34** Sliding Door is one of the most well-known acoustic doors on the market and was established in the 1960s. Over the years, the **markus® Acoustic** Sliding Door has been continually developed and the Acoustic 34 model offers a good looking, value for money sliding door that it is able to reduce sound to a maximum of 34dB.

Accordingly, the **markus® Acoustic 34** Sliding Door has been chosen as the acoustic stage door of choice over the last few years by World famous film studios, including Pinewood, Shepperton, Elstree and Wimbledon.

Dimensions	
max. width (W)	3500 mm
max. height (H)	3500 mm
max. sound reduction	34dB
door thickness	40 mm
Operation	manual / automatic

#### Components and Construction

The **markus® Acoustic 34** Sliding Door is constructed as follows:

#### Door Blade

- Construction:** solid panel covered by stainless steel sheet, phenolic resin or PVC coat bound by an extruded aluminium profile surround.
- Insulation:** solid panel of compact board
- Thickness:** 40mm
- Finishing:** 0.8mm steel sheet lacquered white, phenolic resin, PVC coat or in AISI 304 stainless steel
- Sealing:** EPDM joint profile fixed onto aluminium profile
- Bottom Guide:** extruded aluminium profile finished in anodized silver
- Hardware:** external and internal anodized aluminium lever type opener

#### Track

- Extruded aluminium profile with an anodized silver finish
- Pulleys of injected polyamide
- Steel ball bearings
- Extruded aluminium profile pulley support in a silver anodized finish

#### Frame

- Extruded aluminium profiles with cover strip to hide fixing screws
- Silver anodized finish

#### Colours

The door leaf is finished in white lacquer as standard, but can be finished in PVC, stainless steel and most other colours (RAL).

#### Acoustic Attenuation

The **markus® Acoustic 34** Sliding Door has been tested and certified by the LGAI Technological Centre (LGAJ).

The test followed the method described in the normative UNE 74-040, according to the file number 95.008.583, and obtained the following results:

- **Global rate to airborne sound insulation:** 34.3dB (A)
- **Insulation rate Rw:** 34dB

#### Control and operation

The **markus® Acoustic 34** Sliding Door can be operated either manually or electrically operated with a control unit with 3 push buttons (open-stop-close) and a control panel that regulates the speed of opening and closing.

#### Additional controls that can be connected to the standard control box are:

- sensor / radar
- pullswitch
- key-operation switch
- radio control

#### Optional Extras\*

- acoustic vision panel made of acoustic glass within an aluminium frame
- AISI 304 stainless steel lever type openers
- AISI 304 stainless steel canopy
- AISI 304 stainless steel frame
- electric drive unit (as described above)
- key locking mechanism
- electric locking mechanism
- additional controls as described above
- wall structural opening covering system

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